

# THE NATIONAL ARCHIVES FEDERAL REGISTER OF THE UNITED STATES

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## TITLE 3—THE PRESIDENT PROCLAMATION 2859

### CLOSED AREA UNDER THE MIGRATORY BIRD TREATY ACT OREGON

BY THE PRESIDENT OF THE UNITED STATES  
OF AMERICA  
A PROCLAMATION

Whereas the Secretary of the Interior has adopted, after notice and public procedure pursuant to section 4 of the Administrative Procedure Act of June 11, 1946 (60 Stat. 238), and has submitted to me for approval the following regulation relating to migratory birds included in the terms of the Convention between the United States and Great Britain for the protection of migratory birds concluded August 16, 1916, and the Convention between the United States and the United Mexican States for the protection of migratory birds and game mammals concluded February 7, 1936:

#### AMENDMENT OF REGULATION DESIGNATING AS CLOSED AREA CERTAIN LANDS AND WATERS WITHIN, ADJACENT TO, OR IN THE VICINITY OF THE MALHEUR NATIONAL WILDLIFE REFUGE, OREGON

By virtue of and pursuant to the Migratory Bird Treaty Act of July 3, 1918 (40 Stat. 755), and Reorganization Plan No. II (53 Stat. 1431), and in accordance with the provisions of the Administrative Procedure Act of June 11, 1946 (60 Stat. 238), I, the Secretary of the Interior, having due regard to the zones of temperature and to the distribution, abundance, economic value, breeding habits, and times and lines of migratory flight of migratory birds included in the terms of the Convention between the United States and Great Britain for the protection of migratory birds, concluded August 16, 1916 and the Convention between the United States and the United Mexican States for the protection of migratory birds and game mammals, concluded February 7, 1936, do hereby designate as a closed area, effective October 21, 1949, in or on which pursuing, hunting, taking, capturing, or killing of migratory birds, or attempting to take, capture, or kill migratory birds is not permitted, all areas of land and water in Harney County, Oregon, within the rec-

ord meander lines of Malheur and Harney Lakes and the streams and waters connecting said lakes, as shown on the official plats of the following-listed townships:

#### Willamette Meridian

	Plat approved
T. 26 S., R. 29 E.	March 24, 1880
T. 27 S., R. 29 E.	Dec. 26, 1892
T. 27 S., R. 29½ E.	Nov. 2, 1904
T. 28 S., R. 29¾ E.	Nov. 2, 1904
T. 26 S., R. 30 E. (North of Malheur Lake)	May 19, 1913
T. 26 S., R. 30 E. (South of Malheur Lake)	Dec. 21, 1896
T. 27 S., R. 30 E.	Dec. 21, 1896
T. 26 S., R. 31 E. (North of Malheur Lake)	Dec. 21, 1896
T. 26 S., R. 31 E. (South of Malheur Lake)	Dec. 21, 1896
T. 25 S., R. 32 E.	Dec. 21, 1896
T. 26 S., R. 32 E. (North of Malheur Lake)	Dec. 21, 1896
T. 26 S., R. 32 E. (South of Malheur Lake)	Dec. 21, 1896
T. 27 S., R. 32 E.	Dec. 21, 1896
T. 25 S., R. 32½ E.	Dec. 21, 1896
T. 25 S., R. 33 E.	Dec. 21, 1896
T. 26 S., R. 33 E.	Dec. 21, 1896

BUT excepting therefrom that area of land and water within the record meander line of Malheur Lake, bounded and described as follows:

BEGINNING at corner No. 1, in the record meander line (known as the Neal survey line) of T. 25 S., R. 32½ E. (north of Malheur Lake), in the south boundary of fractional sec. 29, at the corner common to lots one (1) and two (2) of said fractional section;

Thence in Malheur Lake, South approximately 316.50 chs., N. 64°45' E., approximately 314.00 chs., to the east side of the borrow pit on the east side of Cole Island Dike, Northerly with the east side of said borrow pit with the meanders thereof approximately 197.00 chs., to the record meander line (known as the Neal survey line) of T. 25 S., R. 32½ E. (north of Malheur Lake), the corner common to fractional sections 23, 25 and 26 and section 24,

Thence Westerly with the aforesaid record meander line, along the south boundary of fractional sections 26, 23, 22, 27, 28, 21, 20 and 29, approximately 512.00 chs. to the place of beginning.

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This regulation shall become effective on October 21, 1949, and it shall on that date supersede the regulation dated October 5, 1948, designating as a closed area certain lands and waters in Harney County, Oregon, approved by the President by Proclamation No. 2818 of October 20, 1948.

Compliance with the provisions of section 4 (c) of the Administrative Procedure Act (60 Stat. 238; 5 U. S. C. 1003) with respect to delayed effective date is impracticable and contrary to the public interest in this instance because the hunting season for migratory waterfowl in the State of Oregon opens on October 21, 1949, and the purposes of the regulation cannot be fully accomplished unless the regulation is effective at the beginning of such hunting season.

IN WITNESS WHEREOF, I have hereunto subscribed my name and caused the

seal of the Department of the Interior to be affixed this 17th day of October 1949.

[SEAL]

J. A. KRUG,

Secretary of the Interior.

AND WHEREAS upon consideration it appears that the foregoing regulation will tend to effectuate the purposes of the aforesaid Migratory Bird Treaty Act of July 3, 1918:

NOW, THEREFORE, I, HARRY S. TRUMAN, President of the United States of America, under and by virtue of the authority vested in me by the aforesaid Migratory Bird Treaty Act of July 3, 1918, do hereby approve and proclaim the foregoing amendatory regulation.

This proclamation supersedes Proclamation No. 2818 of October 20, 1948, approving and proclaiming the regulation adopted by the Acting Secretary of the Interior on October 5, 1948, designat-

ing as modification of closed area certain lands and waters in Harney County, Oregon.

IN WITNESS WHEREOF I have hereunto set my hand and caused the seal of the United States of America to be affixed.

DONE at the City of Washington this 20th day of October in the year of our Lord nineteen hundred and [SEAL] forty-nine, and of the Independence of the United States of America the one hundred and seventy-fourth.

HARRY S. TRUMAN

By the President:

DEAN ACHESON,  
Secretary of State.

[F. R. Doc. 49-8521; Filed, Oct. 20, 1949; 12:00 m.]

## RULES AND REGULATIONS

### TITLE 14—CIVIL AVIATION

#### Chapter I—Civil Aeronautics Board

##### Subchapter A—Civil Air Regulations

[Supp. 2]

#### PART 60—AIR TRAFFIC RULES

##### MINIMUM EN ROUTE INSTRUMENT ALTITUDES

Under section 205 (a) of the Civil Aeronautics Act of 1938, as amended, the Administrator of Civil Aeronautics is authorized to make and amend such rules, regulations, and procedure as are necessary to carry out the provisions of, and to perform and exercise his powers and duties under, the act. Under section 601 of the Civil Aeronautics Act of 1938, as amended, the Civil Aeronautics Board is empowered to delegate to the Administrator of Civil Aeronautics the authority to prescribe rules, regulations, and standards which promote safety of flight in air commerce. Under § 60.17 (d) of the Civil Air Regulations, the Civil Aeronautics Board has provided that, except when necessary for taking off or landing no person shall operate an aircraft in accordance with IFR below the minimum IFR altitudes established by the Administrator for that portion of the route over which the operation is conducted.

Acting pursuant to the foregoing statutes and regulation, the following rules regarding minimum en route instrument altitudes are hereby adopted. These rules supersede § 60.17-1 and Part 610 of this title. They are made effective without delay, in order to promote safety of the flying public. Compliance with the notice, procedures, and effective date provisions of section 4 of the Administrative Procedure Act would be impracticable and contrary to the public interest, and therefore is not required.

§ 60.17-1 Definitions (CAA rules which apply to § 60.17 (d)). The follow-

ing definitions shall be used in construing § 60.17-2 through § 60.17-1005:

- (a) "FM" means fan marker.
- (b) "IFR" means instrument flight rules.
- (c) "Int" means intersection.
- (d) "Rbn" means radio beacon.
- (e) "VAR" means visual-aural range.
- (f) "VHF" means very high frequency.

§ 60.17-2 Minimum en route instrument altitudes within particular areas (CAA rules which apply to § 60.17 (d)). Except when necessary for taking off or landing, no person shall operate an aircraft in accordance with IFR along any route or portion thereof which is not listed in § 60.17-3 through § 60.17-1004 and which is within one of the following areas, at an altitude of less than 2,000 feet above the highest obstacle within a horizontal distance of five miles on either side of the center of the course intended to be flown:

(a) Eastern United States. All of the area within the following coordinates, excluding the area along Blue Civil Airway No. 4 between Burlington, Vermont, and the United States-Canadian border, Blue Civil Airway No. 18 between Burlington, Vermont, and Peekskill, New York, and Green Civil Airway No. 2 between Albany, New York, and Rome, New York:

Beginning at latitude 47°10' N., longitude 67°55' W.; thence west and south along the Canadian Border to latitude 45°00' N., longitude 74°15' W.; thence to latitude 44°20' N., longitude 75°30' W.; thence to latitude 43°05' N., longitude 75°30' W.; thence to latitude 42°57' N., longitude 77°30' W.; thence to latitude 42°52' N., longitude 78°42' W.; thence to latitude 42°26' N., longitude 79°13' W.; thence to latitude 42°05' N., longitude 80°00' W.; thence to latitude 40°50' N., longitude 80°00' W.; thence to latitude 40°26' N., longitude 79°54' W.; thence to latitude 38°25' N., longitude 81°46' W.; thence to latitude 36°00' N., longitude 86°00' W.; thence to latitude 33°37' N., longitude 86°45'

W.; thence to latitude 32°30' N., longitude 86°25' W.; thence to latitude 33°22' N., longitude 85°00' W.; thence to latitude 36°35' N., longitude 79°20' W.; thence to latitude 40°11' N., longitude 76°24' W.; thence to latitude 41°24' N., longitude 74°30' W.; thence to latitude 41°43' N., longitude 72°40' W.; thence to latitude 42°13' N., longitude 72°44' W.; thence to latitude 43°12' N., longitude 71°30' W.; thence to latitude 43°45' N., longitude 70°30' W.; thence to latitude 45°00' N., longitude 69°30' W.; thence to latitude 47°10' N., longitude 67°55' W., point of beginning.

(b) Western United States. All of the area in the United States from the Pacific Ocean eastward to the following coordinates:

Beginning at latitude 49°00' N., longitude 108°00' W.; thence to latitude 46°45' N., longitude 104°00' W.; thence to latitude 44°06' N., longitude 103°15' W.; thence to latitude 43°00' N., longitude 103°15' W.; thence to latitude 41°52' N., longitude 103°39' W.; thence to latitude 35°11' N., longitude 103°39' W.; thence to latitude 33°17' N., longitude 104°27' W.; thence to latitude 32°17' N., longitude 104°14' W.; thence to latitude 29°48' N., longitude 102°00' W.

(c) Alaskan area. All of the territory of Alaska except the areas bounded by the following coordinates:

(1) Beginning at latitude 64°54' N., longitude 147°20' W.; thence to latitude 64°50' N., longitude 151°22' W.; thence to latitude 64°26' N., longitude 151°22' W.; thence to latitude 64°25' N., longitude 147°20' W.; thence to latitude 64°54' N., longitude 147°20' W., point of beginning.

(2) Beginning at latitude 61°50' N., longitude 151°12' W.; thence to latitude 61°24' N., longitude 150°28' W.; thence to latitude 59°40' N., longitude 152°23' W.; thence to latitude 59°33' N., longitude 151°28' W.; thence to latitude 60°31' N., longitude 150°43' W.; thence to latitude 61°13' N., longitude 149°39' W.; thence to latitude 61°37' N., longitude 149°15' W.; thence to latitude 61°44' N., longitude 149°48' W.; thence to latitude 62°23' N., longitude 149°54' W.; thence to latitude 62°23' N., longitude



## RULES AND REGULATIONS

150°14' W.; thence to latitude 61°50' N., longitude 151°12' W., point of beginning.

(3) Beginning at latitude 58°56' N., longitude 156°58' W.; thence to latitude 58°47' N., longitude 156°27' W.; thence to latitude 58°43' N., longitude 158°39' W.; thence to latitude 58°50' N., longitude 159°00' W.; thence along the shore line to latitude 58°56' N., longitude 156°58' W., point of beginning.

(4) Beginning at latitude 61°47' N., longitude 159°40' W.; thence to latitude 61°34' N., longitude 159°15' W.; thence to latitude 60°32' N., longitude 161°42' W.; thence to latitude 60°45' N., longitude 162°06' W.; thence to latitude 61°47' N., longitude 159°40' W., point of beginning.

(5) All of the Aleutian group.

§ 60.17-3 *Minimum enroute instrument altitudes along particular routes (CAA rules which apply to § 60.17 (d)).* Except when necessary for taking off and landing, no person shall operate an aircraft in accordance with IFR along the routes and below the altitudes set forth in § 60.17-11 through § 60.17-1004.

## GREEN CIVIL AIRWAYS

§ 60.17-11 *Green Civil Airway No. 1 (CAA rules which apply to § 60.17-3).*

From—	To—	Min. alt.
Megantic, Quebec	Kokadjo (Int), Maine	5,000
Kokadjo (Int), Maine	Millinocket, Maine	5,000
Millinocket, Maine	Forest City (Int), Maine	2,500

§ 60.17-12 *Green Civil Airway No. 2 (CAA rules which apply to § 60.17-3).*

From—	To—	Min. alt.
Seattle, Wash.	Ellensburg, Wash.	8,000
Ellensburg, Wash.	Ephrata, Wash.	7,000
Ephrata, Wash.	Spokane, Wash.	5,000
Spokane, Wash.	Coeur D'Alene, Idaho	7,000
Coeur D'Alene, Idaho	Mullan Pass, Mont.	9,000
Mullan Pass, Mont.	Superior, Mont.	9,000
Superior, Mont.	Missoula, Mont.	9,000
Missoula, Mont.	Drummond, Mont.	9,000
Drummond, Mont.	Garrison (Int), Mont.	9,000
Garrison (Int), Mont.	Helena, Mont.	9,000
Helena, Mont.	Bozeman, Mont.	9,000
Bozeman, Mont.	Livingston, Mont.	10,000
Livingston, Mont.	Billings, Mont.	9,000
Billings, Mont.	Custer, Mont.	5,000
Custer, Mont.	Miles City, Mont.	4,500
Miles City, Mont.	Dickinson, N. Dak.	4,200
Dickinson, N. Dak.	Bismarck, N. Dak.	3,800
Bismarck, N. Dak.	Jamestown, N. Dak.	3,400
Jamestown, N. Dak.	Fargo, N. Dak.	2,600
Fargo, N. Dak.	Alexandria, Minn.	2,800
Alexandria, Minn.	Hamel (Int), Minn.	2,600
Hamel (Int), Minn.	Minneapolis, Minn.	2,500
Minneapolis, Minn.	Red Wing (Int), Minn.	2,400
Red Wing (Int), Minn.	La Crosse, Wis.	2,600
La Crosse, Wis.	Lone Rock, Wis.	2,500
Lone Rock, Wis.	Madison, Wis.	2,500
Madison, Wis.	Genesee (FM), Wis.	2,500
Genesee (FM), Wis.	Milwaukee, Wis. (east-bound)	2,300
Milwaukee, Wis.	Genesee (FM), Wis. (west-bound)	2,500
Do	Muskegon, Mich.	2,000
Muskegon, Mich.	Grand Rapids, Mich.	1,900
Grand Rapids, Mich.	Lansing, Mich.	2,200
Lansing, Mich.	Highland (Int), Mich.	2,200
Highland (Int), Mich.	Wixom (FM), Mich.	2,200
Wixom (FM), Mich.	Romulus, Mich. (south-bound)	2,000
Romulus, Mich.	Wixom (FM), Mich. (north-bound)	2,200
Do	Windsor, Canada	2,300
Buffalo, N. Y.	West Henrietta (Int), N. Y.	2,100
West Henrietta (Int), N. Y.	Syracuse, N. Y.	2,300
Syracuse, N. Y.	Utica, N. Y.	1,900
Utica, N. Y.	Albany, N. Y.	2,700
Albany, N. Y.	Westfield, Mass.	4,500
Westfield, Mass.	Woodstock (Int), Conn.	2,500
Woodstock (Int), Conn.	North Scituate (Int), R. I.	2,000
North Scituate (Int), R. I.	Boston, Mass.	1,700

§ 60.17-13 *Green Civil Airway No. 3 (CAA rules which apply to § 60.17-3).*

From—	To—	Min. alt.
Golden Gate (Int), Calif.	San Francisco, Calif.	3,000
San Francisco, Calif.	Oakland, Calif.	3,000
Oakland, Calif.	Bay Point (FM), Calif.	5,000
Bay Point (FM), Calif.	Sacramento, Calif. (east-bound)	2,500
Sacramento, Calif.	Bay Point (FM), Calif. (west-bound)	5,000
Do	Auburn (Int), Calif. (NE-bound)	7,000
Auburn (Int), Calif.	Sacramento, Calif. (SW-bound)	3,500
Do	Donner Summit, Calif.	11,000
Donner Summit, Calif.	Reno, Nev.	12,000
Reno, Nev.	Lovelock, Nev.	11,000
Lovelock, Nev.	Battle Mountain, Nev.	12,000
Battle Mountain, Nev.	Elko, Nev.	11,000
Elko, Nev.	Lucin, Utah	12,000
Lucin, Utah	Ogden, Utah (east-bound)	11,000
Do	Ogden, Utah (west-bound)	9,000
Ogden, Utah	Fort Bridger, Wyo.	12,000
Fort Bridger, Wyo.	Rock Springs, Wyo.	10,000
Rock Springs, Wyo.	Sinclair, Wyo.	10,000
Sinclair, Wyo.	Two Rivers (Int), Wyo.	12,000
Two Rivers (Int), Wyo.	Sherman Hill (Int), Wyo.	10,500
Sherman Hill (Int), Wyo.	Cheyenne, Wyo.	10,500
Cheyenne, Wyo.	Egbert (Int), Wyo.	7,300
Egbert (Int), Wyo.	Kimball (Int), Nebr.	7,000
Kimball (Int), Nebr.	Chappell (Int), Nebr.	5,700
Chappell (Int), Nebr.	Paxton (Int), Nebr.	5,000
Paxton (Int), Nebr.	North Platte, Nebr.	4,300
North Platte, Nebr.	Grand Island, Nebr.	4,200
Grand Island, Nebr.	Weston (Int), Nebr.	2,900
Weston (Int), Nebr.	Omaha, Nebr.	2,700
Omaha, Nebr.	Des Moines, Iowa	2,500
Des Moines, Iowa	Moscow (Int), Iowa	2,200
Moscow (Int), Iowa	Moline, Ill.	2,000
Moline, Ill.	Aurora (Int), Ill.	2,000
Aurora (Int), Ill.	Int SE course Rockford, Ill., and W course Goshen, Ind.	2,300
Int SE course Rockford, Ill., and W course Goshen, Ind.	Monroe (Int), Ill.	2,300
Monroe (Int), Ill.	Goshen, Ind.	2,100
Goshen, Ind.	Archbold (Int), Ohio	2,300
Archbold (Int), Ohio	Toledo, Ohio	2,000
Toledo, Ohio	Sandusky (Int), Ohio	2,000
Sandusky (Int), Ohio	Cleveland, Ohio	1,900
Cleveland, Ohio	Parkman (Int), Ohio	2,600
Parkman (Int), Ohio	Youngstown, Ohio	2,200
Youngstown, Ohio	Mercer (Int), Pa.	2,600
Mercer (Int), Pa.	Phillipsburg, Pa.	4,000
Phillipsburg, Pa.	Sunbury (Int), Pa.	4,000
Sunbury (Int), Pa.	Slatington (Int), Pa.	4,000
Slatington (Int), Pa.	Allentown, Pa. (East-bound)	3,000
Allentown, Pa.	Slatington (Int), Pa. (West-bound)	4,000
Slatington (Int), Pa. (West-bound)	Metuchen (Int), N. J.	2,500
Metuchen (Int), N. J.	Keyport (Int), N. J.	1,500
Keyport (Int), N. J.	Coney Island (Int), N. Y.	1,500
Coney Island (Int), N. Y.	Flatbush (Int), N. Y.	1,500
Flatbush (Int), N. Y.	La Guardia, N. Y.	2,300

§ 60.17-14 *Green Civil Airway No. 4 (CAA rules which apply to § 60.17-3).*

From—	To—	Min. alt.
Los Angeles, Calif.	Burbank, Calif.	4,000
Burbank, Calif.	Newhall, Calif.	7,000
Newhall, Calif.	Palmdale, Calif.	9,000
Palmdale, Calif.	Daggett, Calif.	6,000
Daggett, Calif.	Needles, Calif.	9,000
Needles, Calif.	Prescott, Ariz.	10,000
Prescott, Ariz.	Winslow, Ariz.	10,000
Winslow, Ariz.	El Morro, N. Mex.	10,000
El Morro, N. Mex.	Acoma, N. Mex.	11,000
Acoma, N. Mex.	Albuquerque, N. Mex.	11,000
Albuquerque, N. Mex.	Otto, N. Mex.	8,500
Otto, N. Mex.	Tapia (Int), N. Mex.	8,000
Tapia (Int), N. Mex.	Cuervo (Int), N. Mex.	7,000
Cuervo (Int), N. Mex.	Tucumcari, N. Mex.	5,200
Tucumcari, N. Mex.	Amarillo, Tex.	4,700
Amarillo, Tex.	Int E course Amarillo, Tex. and SW course Gage, Okla.	4,500
Int E course Amarillo, Tex. and SW course Gage, Okla.	Gage, Okla.	4,500
Gage, Okla.	Danville (Int) Kans.	3,600
Danville (Int) Kans.	Wichita, Kans.	3,000
Wichita, Kans.	Cassoday (Int), Kans.	2,800
Cassoday (Int), Kans.	Lebo, Kans.	2,600

From—	To—	Min. alt.
Lebo, Kans.	Centropolis (Int), Kans.	2,300
Centropolis (Int), Kans.	Eudora (Int), Kans.	2,200
Eudora (Int), Kans.	Kansas City, Mo.	2,200
Kansas City, Mo.	Excelsior Springs (Int), Mo.	2,200
Excelsior Springs (Int), Mo.	Columbia, Mo.	2,200
Columbia, Mo.	St. Peters (Int), Mo.	2,000
St. Peters (Int), Mo.	St. Louis, Mo.	1,700
St. Louis, Mo.	Wood River (Int), Ill.	1,700
Wood River (Int), Ill.	Effingham, Ill.	2,000
Effingham, Ill.	Terre Haute, Ind.	2,000
Terre Haute, Ind.	Indianapolis, Ind.	2,000
Indianapolis, Ind.	Troy (Int), Ohio	2,400
Troy (Int), Ohio	Columbus, Ohio	2,300
Columbus, Ohio	Newark (Int), Ohio	2,300
Newark (Int), Ohio	Wellsburg (Int), W. Va.	2,600
Wellsburg (Int), W. Va.	Pittsburgh, Pa.	2,500
Pittsburgh, Pa.	New Alexandria (Int), Pa. (east-bound)	4,500
New Alexandria (Int), Pa. (east-bound)	Pittsburgh, Pa. (west-bound)	2,500
Pittsburgh, Pa. (west-bound)	Altoona, Pa.	4,500
Altoona, Pa.	New Kingston (FM), Pa.	4,000
New Kingston (FM), Pa.	Harrisburg, Pa. (east-bound)	1,900
Harrisburg, Pa. (east-bound)	New Kingston (FM), Pa. (west-bound)	4,000
New Kingston (FM), Pa. (west-bound)	Lancaster (Int), Pa.	2,000
Lancaster (Int), Pa.	Boothwyn (FM), Pa.	2,000
Boothwyn (FM), Pa.	Philadelphia, Pa.	1,500

§ 60.17-15 *Green Civil Airway No. 5 (CAA rules which apply to § 60.17-3).*

From—	To—	Min. alt.
Los Angeles, Calif.	LaHabra (Int), Calif. (east-bound)	5,000
LaHabra (Int), Calif. (east-bound)	Los Angeles, Calif. (west-bound)	3,000
Los Angeles, Calif. (west-bound)	Riverside, Calif.	5,000
Riverside, Calif.	Banning (FM), Calif. (east-bound)	13,000
Banning (FM), Calif. (east-bound)	Riverside, Calif. (west-bound)	10,000
Riverside, Calif. (west-bound)	Palm Springs (Int), Calif.	13,000
Palm Springs (Int), Calif.	Blythe, Calif.	8,000
Blythe, Calif.	Phoenix, Ariz.	6,000
Phoenix, Ariz.	Casa Grande (Int), Ariz.	6,000
Casa Grande (Int), Ariz.	Red Rock (FM), Ariz. (east-bound)	10,000
Red Rock (FM), Ariz. (east-bound)	Casa Grande (Int), Ariz. (west-bound)	6,000
Casa Grande (Int), Ariz. (west-bound)	Tucson, Ariz. (SE-bound)	10,000
Tucson, Ariz. (SE-bound)	Red Rock (FM), Ariz. (NW-bound)	7,000
Red Rock (FM), Ariz. (NW-bound)	Tucson, Ariz.	10,000
Tucson, Ariz.	Cochise, Ariz.	12,000
Cochise, Ariz.	Hilltop (FM), Ariz. (east-bound)	10,000
Hilltop (FM), Ariz. (east-bound)	Cochise, Ariz. (west-bound)	10,000
Cochise, Ariz. (west-bound)	Rodeo, N. Mex.	12,000
Rodeo, N. Mex.	Columbus, N. Mex.	9,000
Columbus, N. Mex.	El Paso, Tex.	8,500
El Paso, Tex.	Salt Flat, Tex.	8,000
Salt Flat, Tex.	Guadalupe Pass (FM), Tex.	10,000
Guadalupe Pass (FM), Tex.	Orla (Int), Tex.	10,000
Orla (Int), Tex.	Wink, Tex.	4,500
Wink, Tex.	Midland (Int), Tex.	4,500
Midland (Int), Tex.	Big Spring, Tex.	4,000
Big Spring, Tex.	Abilene, Tex.	3,000
Abilene, Tex.	Palo Pinto (Int), Tex.	3,000
Palo Pinto (Int), Tex.	Fort Worth, Tex.	2,200
Fort Worth, Tex.	Dallas (Int), Tex.	2,200
Dallas (Int), Tex.	Sulphur Springs, Tex.	2,000
Sulphur Springs, Tex.	Texarkana, Ark.	1,800
Texarkana, Ark.	Prescott (Int), Ark.	1,500
Prescott (Int), Ark.	Memphis, Tenn.	1,600
Memphis, Tenn.	Jacks Creek, Tenn.	2,000
Jacks Creek, Tenn.	Nashville, Tenn.	2,500
Nashville, Tenn.	Smithville, Tenn.	3,500
Smithville, Tenn.	Knoxville, Tenn.	4,500
Knoxville, Tenn.	Tri-City, Tenn.	5,000
Tri-City, Tenn.	Pulaski, Va.	7,000
Pulaski, Va.	Roanoke, Va.	6,000
Roanoke, Va.	James River (Int), Va.	6,200
James River (Int), Va.	Gordonsville, Va.	6,000
Gordonsville, Va.	Quantico, Va.	3,000
Quantico, Va.	Brandywine, Md.	1,500
Brandywine, Md.	Hartly (Int), Del.	1,500
Hartly (Int), Del.	Millville, N. J.	1,500
Millville, N. J.	Ambrose Lightship (Int).	1,500
Ambrose Lightship (Int).	Longbeach (Int), N. Y.	1,500



From—	To—	Min. alt.
Longbeach (Int), N. Y.	Mitchel (Int), N. Y.	1,500
Mitchel (Int), N. Y.	Mitchel, N. Y.	1,500
Mitchel, N. Y.	St. James (Int), N. Y.	1,500
St. James (Int), N. Y.	Salem (Int), Conn.	1,800
Salem (Int), Conn.	Moosup (Int), Conn.	1,800
Moosup (Int), Conn.	N. Seitate (Int), R. I.	1,700

**§ 60.17-16 Green Civil Airway No. 6**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Laredo, Tex.	Alice, Tex.	1,800
Alice, Tex.	Corpus Christi, Tex.	1,500
Corpus Christi, Tex.	Gregory (Int), Tex.	1,400
Gregory (Int), Tex.	Palacios, Tex.	1,100
Palacios, Tex.	Houston, Tex.	1,500
Houston, Tex.	Beaumont, Tex.	1,600
Beaumont, Tex.	Lake Charles, La.	1,300
Lake Charles, La.	New Orleans, La.	1,400
New Orleans, La.	Keesler, Miss.	1,500
Keesler, Miss.	Mobile, Ala.	1,500
Mobile, Ala.	Maxwell, Ala.	1,500
Maxwell, Ala.	Atlanta, Ga.	2,100
Atlanta, Ga.	Spartanburg, S. C.	2,800
Spartanburg, S. C.	Greensboro, N. C.	2,800
Greensboro, N. C.	Blackstone, Va.	2,300
Blackstone, Va.	Richmond, Va.	1,500
Richmond, Va.	Norfolk, Va.	1,500

**§ 60.17-17 Green Civil Airway No. 7**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Nome, Alaska	Moses Point, Alaska	5,000
Moses Point, Alaska	Koyuk (Int), Alaska	4,000
Koyuk (Int), Alaska	Galeana, Alaska	6,000
Galeana, Alaska	Gaitan (Int), Alaska	5,800
Gaitan (Int), Alaska	Fairtan (Int), Alaska	5,000
Fairtan (Int), Alaska	Fairbanks, Alaska	3,900

**§ 60.17-18 Green Civil Airway No. 8**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Attu, Alaska	Shemya, Alaska	3,200
Shemya, Alaska	Adak, Alaska	8,000
Adak, Alaska	Atka, Alaska	7,800
Atka, Alaska	North Shore, Alaska	6,700
North Shore, Alaska	Cape Mordvinoff (Int), Alaska	7,700
Cape Mordvinoff (Int), Alaska	Fort Randall, Alaska	6,900
Fort Randall, Alaska	Port Heiden, Alaska	9,900
Port Heiden, Alaska	Naknek, Alaska	1,500
Naknek, Alaska	Kukaklek (Int), Alaska	4,500
Kukaklek (Int), Alaska	Bruin Bay (Int), Alaska	5,900
Bruin Bay (Int), Alaska	Anchor Point (Int), Alaska	6,000
Anchor Point (Int), Alaska	Homer, Alaska	3,300
Homer, Alaska	Skilak (Int), Alaska	4,000
Skilak (Int), Alaska	Anchorage, Alaska	1,500
Anchorage, Alaska	Wasilla (Int), Alaska	6,800
Wasilla (Int), Alaska	Gulkana, Alaska	10,500
Gulkana, Alaska	Northway, Alaska	10,500

**AMBER CIVIL AIRWAYS**

**§ 60.17-101 Amber Civil Airway No. 1**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
San Diego, Calif.	Long Beach, Calif.	4,000
Long Beach, Calif.	Los Angeles, Calif.	1,600
Los Angeles, Calif.	Burbank, Calif.	4,000
Burbank, Calif.	Lebec (FM), Calif.	10,000
Lebec (FM), Calif.	Bakersfield, Calif.	6,000
Bakersfield, Calif.	Lebec (FM), Calif.	10,000
Bakersfield, Calif.	Fresno, Calif.	3,000
Fresno, Calif.	Sacramento, Calif.	3,000
Sacramento, Calif.	Williams, Calif.	3,000
Williams, Calif.	Red Bluff, Calif.	3,000

From—	To—	Min. alt.
Red Bluff, Calif.	Fort Jones, Calif.	11,000
Fort Jones, Calif.	Redding (FM), Calif.	11,000
Redding (FM), Calif.	Red Bluff, Calif. (south-bound)	3,000
Fort Jones, Calif.	Medford, Oreg.	10,000
Medford, Oreg.	Eugene, Oreg.	6,500
Eugene, Oreg.	Portland, Oreg.	3,000
Portland, Oreg.	Toledo, Wash.	5,000
Toledo, Wash.	Seattle, Wash.	5,000
Seattle, Wash.	Everett, Wash.	3,000
Everett, Wash.	Bellingham, Wash.	4,000
Bellingham, Wash.	U. S. Canada Boundary	1,500
Cape Muzon (Int), Alaska	Sitka, Alaska	5,000
Sitka, Alaska	Cape Spencer (Int), Alaska	5,300
Cape Spencer (Int), Alaska	Yakutat, Alaska	2,200
Yakutat, Alaska	South Yakataga, Alaska	1,500
South Yakataga, Alaska	Cordova, Alaska	5,000
Cordova, Alaska	Whittier (Int), Alaska	8,600
Whittier (Int), Alaska	Anchorage, Alaska	9,000
Anchorage, Alaska	Sustina, Alaska	1,500
Sustina, Alaska	Skwentna, Alaska	5,500
Skwentna, Alaska	Farwell, Alaska	11,700
Farwell, Alaska	McGrath, Alaska	5,500
McGrath, Alaska	Unalakleet, Alaska	6,000
Unalakleet, Alaska	Nome, Alaska	2,800

**§ 60.17-102 Amber Civil Airway No. 2**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Long Beach, Calif.	LaHabra (Int), Calif.	3,000
LaHabra (Int), Calif.	Daggett, Calif.	12,000
Daggett, Calif.	Silver Lake, Calif.	6,000
Silver Lake, Calif.	Las Vegas, Nev.	9,500
Las Vegas, Nev.	Enterprise, Utah	10,000
Enterprise, Utah	Milford, Utah	9,000
Milford, Utah	Delta, Utah	9,000
Delta, Utah	Fairfield, Utah	11,000
Fairfield, Utah	Salt Lake City, Utah	12,000
Salt Lake City, Utah	Ogden, Utah	6,500
Ogden, Utah	Malad City, Idaho	11,000
Malad City, Idaho	Pocatello, Idaho	11,000
Pocatello, Idaho	Idaho Falls, Idaho	7,500
Idaho Falls, Idaho	Dubois, Idaho	7,500
Dubois, Idaho	Dillon, Mont.	11,500
Dillon, Mont.	Whitehall, Mont.	10,500
Whitehall, Mont.	Helena, Mont.	10,500
Helena, Mont.	Great Falls, Mont.	9,500
Great Falls, Mont.	Cut Bank, Mont.	6,500
Cut Bank, Mont.	Lethbridge, Canada	6,300
Lethbridge, Canada	Snag, Yukon Territory	6,400
Snag, Yukon Territory	Northway, Alaska	8,000
Northway, Alaska	Int NW course Northway, Alaska, and N course Tanacross, Alaska	7,000
Int NW course Northway, Alaska, and N course Tanacross, Alaska	Big Delta, Alaska	7,000
Big Delta, Alaska	Chena (Int), Alaska	6,000
Chena (Int), Alaska	Fairbanks, Alaska	4,000
Fairbanks, Alaska	Bettles, Alaska	7,000
Bettles, Alaska	Umiat, Alaska	9,800
Umiat, Alaska	Point Barrow, Alaska	2,500

**§ 60.17-103 Amber Civil Airway No. 3**  
(CAA rules which apply to § 60.17-3).

From	To	Min. alt.
Harrington Ranch (Int), N. Mex.	Engle, N. Mex.	10,000
Engle, N. Mex.	Albuquerque, N. Mex.	10,000
Albuquerque, N. Mex.	Las Vegas, N. Mex.	10,000
Las Vegas, N. Mex.	Trinidad, Colo.	11,000
Trinidad, Colo.	Pueblo, Colo.	7,500
Pueblo, Colo.	Colorado Springs, Colo.	8,000
Colorado Springs, Colo.	Denver, Colo.	8,900
Denver, Colo.	Cheyenne, Wyo.	7,500
Cheyenne, Wyo.	Diamond (Int.), Wyo.	7,500
Diamond (Int.), Wyo.	Casper, Wyo.	7,500
Casper, Wyo.	Ucross (Int), Wyo.	7,500
Ucross (Int), Wyo.	Sheridan, Wyo.	7,000
Sheridan, Wyo.	Billings, Mont.	8,000
Billings, Mont.	Lavina (FM) Mont. (north-bound)	8,000
Lavina (FM) Mont. (north-bound)	Billings, Mont. (south-bound)	6,000
Billings, Mont. (south-bound)	Lewistown, Mont.	8,000
Lewistown, Mont.	Great Falls, Mont.	9,000

**§ 60.17-104 Amber Civil Airway No. 4**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Brownsville, Tex.	Alice, Tex.	1,400
Alice, Tex.	Losoya (Int), Tex.	1,700
Losoya (Int), Tex.	Alamo, Tex.	2,200
Alamo, Tex.	Austin, Tex.	2,500
Austin, Tex.	Waco, Tex.	2,000
Waco, Tex.	Clifton (Int), Tex.	1,700
Clifton (Int), Tex.	Fort Worth, Tex.	2,000
Fort Worth, Tex.	Marietta (Int), Tex.	2,000
Marietta (Int), Tex.	Oklahoma City, Okla.	2,500
Oklahoma City, Okla.	Newalla (Int), Okla.	2,700
Newalla (Int), Okla.	Tulsa, Okla.	2,200
Tulsa, Okla.	Verdigris River (Int), Okla.	2,000
Verdigris River (Int), Okla.	Chanute, Kans.	2,200
Chanute, Kans.	Baldwin City (Int), Kans.	2,300
Baldwin City (Int), Kans.	Kansas City, Mo.	2,200
Kansas City, Mo.	St. Joseph, Mo.	2,400
St. Joseph, Mo.	Omaha, Nebr.	2,500
Omaha, Nebr.	Sioux City, Iowa	2,500
Sioux City, Iowa	Sioux Falls, S. Dak.	2,700
Sioux Falls, S. Dak.	Huron, S. Dak.	2,800
Huron, S. Dak.	Aberdeen, S. Dak.	2,500
Aberdeen, S. Dak.	Bismarck, N. Dak.	3,500
Bismarck, N. Dak.	Minot, N. Dak.	3,400

**§ 60.17-105 Amber Civil Airway No. 5**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Grand Isle, La.	New Orleans, La.	1,300
New Orleans, La.	Jackson, Miss.	1,600
Jackson, Miss.	Greenwood, Miss.	1,700
Greenwood, Miss.	Memphis, Tenn.	1,800
Memphis, Tenn.	Advance, Mo.	2,000
Advance, Mo.	St. Louis, Mo.	2,000
St. Louis, Mo.	Jerseyville (Int), Ill.	1,800
Jerseyville (Int), Ill.	Springfield, Ill.	1,900
Springfield, Ill.	Fontaine (Int), Ill.	2,000
Fontaine (Int), Ill.	Joliet, Ill.	2,000
Joliet, Ill.	Downers Grove, Ill.	2,300
Downers Grove, Ill.	Wilson (Int), Ill.	2,300
Wilson (Int), Ill.	Int E course Rockford, Ill., and S course Milwaukee, Wis.	2,500
Int E course Rockford, Ill., and S course Milwaukee, Wis.	Milwaukee, Wis.	2,100

**§ 60.17-106 Amber Civil Airway No. 6**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Jacksonville, Fla.	Alma, Ga.	1,500
Alma, Ga.	Macon, Ga.	1,500
Macon, Ga.	Atlanta, Ga. (north-bound)	2,200
Atlanta, Ga. (north-bound)	Atlanta, Ga. (south-bound)	2,000
Atlanta, Ga. (south-bound)	Chattanooga, Tenn.	4,000
Chattanooga, Tenn.	Nashville, Tenn.	4,000
Nashville, Tenn.	Bowling Green, Ky.	2,000
Bowling Green, Ky.	Louisville, Ky.	2,200
Louisville, Ky.	Union (FM), Ky.	2,400
Union (FM), Ky.	Cincinnati, Ohio.	2,400
Cincinnati, Ohio.	Mansfield, Ohio.	2,500
Mansfield, Ohio.	Elyria, Ohio	2,500
Elyria, Ohio	Perry (Int), Ohio	2,400
Perry (Int), Ohio	Clear Creek, Ont.	2,000
Clear Creek, Ont.	Perry (Int), Ohio	2,000

**§ 60.17-107 Amber Civil Airway No. 7**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Key West, Fla.	Miami, Fla.	1,400
Miami, Fla.	Fort Lauderdale (FM), Fla.	1,400
Fort Lauderdale (FM), Fla.	West Palm Beach, Fla. (north-bound)	1,200
West Palm Beach, Fla. (north-bound)	Fort Lauderdale (FM), Fla. (south-bound)	1,400
Fort Lauderdale (FM), Fla. (south-bound)	Vero Beach, Fla.	1,500
Vero Beach, Fla.	Melbourne, Fla.	1,200
Melbourne, Fla.	Daytona Beach, Fla.	1,200



## RULES AND REGULATIONS

## RED CIVIL AIRWAYS

§ 60.17-201 Red Civil Airway No. 1  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Daytona Beach, Fla.	Jacksonville, Fla.	1,200
Jacksonville, Fla.	Savannah, Ga.	1,200
Savannah, Ga.	Charleston, S. C.	1,300
Charleston, S. C.	Florence, S. C.	1,200
Florence, S. C.	Lumberton (Int), N. C.	1,400
Lumberton (Int), N. C.	Raleigh, N. C.	1,900
Raleigh, N. C.	Rawlings (Int), Va.	1,800
Rawlings (Int), Va.	Chester (Int), Va.	1,500
Chester (Int), Va.	Richmond, Va.	1,500
Richmond, Va.	Summit (Int), Va.	1,500
Summit (Int), Va.	Doncaster (Int), Va.	1,500
Doncaster (Int), Va.	Mt. Vernon (Int), Va.	1,500
Mt. Vernon (Int), Va.	Washington, D. C.	1,500
Washington, D. C.	Relay (Int), Md.	1,600
Relay (Int), Md.	Lock Raven (Int), Md.	1,800
Lock Raven (Int), Md.	Boothwyn (Int), Pa.	1,800
Boothwyn (Int), Pa.	Philadelphia, SW, Pa.	1,800
Philadelphia, SW, Pa.	Philadelphia, NE, Pa.	1,800
Philadelphia, NE, Pa.	Metuchen (Int), N. J.	4,500
Metuchen (Int), N. J.	Newark, N. J.	1,500
Newark, N. J.	Little Ferry (Int), N. Y.	2,300
Little Ferry (Int), N. Y.	Yonkers (Int), N. Y.	1,600
Yonkers (Int), N. Y.	Port Chester (Int), N. Y.	1,500
Port Chester (Int), N. Y.	Meriden (Int), Conn.	2,000
Meriden (Int), Conn.	Hartford, Conn.	2,000
Hartford, Conn.	Woodstock (Int), Conn. (north-bound)	2,400
Woodstock (Int), Conn. (north-bound)	Hartford, Conn. (south-bound)	2,000
Hartford, Conn. (south-bound)	Bedford (Int), Mass.	2,400
Bedford (Int), Mass.	Boston, Mass.	1,600
Boston, Mass.	Peabody (Int), Mass.	1,300
Peabody (Int), Mass.	Portsmouth (Int), N. H.	1,500
Portsmouth (Int), N. H.	Portland, Maine	1,700
Portland, Maine	Augusta, Maine	1,800
Augusta, Maine	Waterville (Int), Maine	1,600
Waterville (Int), Maine	Dixmont (Int), Maine	2,300
Dixmont (Int), Maine	Bangor, Maine	2,300
Bangor, Maine	East Corinth (Int), Maine	1,700
East Corinth (Int), Maine	Millinocket, Maine	2,300
Millinocket, Maine	St. Croix (Int), Maine	3,500
St. Croix (Int), Maine	Presque Isle, Maine	2,500
Presque Isle, Maine	Caribou, Maine	1,900

§ 60.17-108 Amber Civil Airway No. 8  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Los Angeles, Calif.	Anacapa (Int), Calif.	4,000
Anacapa (Int), Calif.	Santa Barbara, Calif. (north-bound)	7,000
Santa Barbara, Calif. (north-bound)	Anacapa (Int), Calif. (south-bound)	6,000
Santa Barbara, Calif. (south-bound)	Paso Robles, Calif. (north-bound)	7,000
Paso Robles, Calif. (north-bound)	Paso Robles, Calif. (south-bound)	8,000
Paso Robles, Calif. (south-bound)	Salinas, Calif.	7,000
Salinas, Calif.	Lightship (Int), Calif.	6,000
Lightship (Int), Calif.	Golden Gate (Int), Calif.	3,000
Golden Gate (Int), Calif.	Richmond (Int), Calif.	4,000
Richmond (Int), Calif.	Fairfield-Suisun, Calif.	4,000
Fairfield-Suisun, Calif.	Sacramento, Calif.	2,500
Sacramento, Calif.	Whitmore, Calif.	6,000
Whitmore, Calif.	Klamath Falls, Oreg.	10,000
Klamath Falls, Oreg.	Redmond, Oreg.	10,000
Redmond, Oreg.	The Dalles, Oreg.	7,000

§ 60.17-109 Amber Civil Airway No. 9  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Charleston, S. C.	Myrtle Beach, S. C.	1,200
Myrtle Beach, S. C.	Wilmington, N. C.	1,200
Wilmington, N. C.	New Bern, N. C.	1,200
New Bern, N. C.	Williamston, N. C.	1,200
Williamston, N. C.	Harrellsville (Int), N. C.	1,200
Harrellsville (Int), N. C.	Norfolk, Va.	1,400
Norfolk, Va.	Salisbury (VHF), Md.	1,500
Salisbury (VHF), Md.	Atlantic City (VHF), N. J.	1,500
Atlantic City (VHF), N. J.	Matawan (VHF), N. J.	1,500

From—	To—	Min. alt.
Portland, Oreg.	The Dalles, Oreg.	7,000
The Dalles, Oreg.	Pendleton, Oreg.	4,000
Pendleton, Oreg.	Baker, Oreg.	10,000
Baker, Oreg.	Boise, Idaho	9,000
Boise, Idaho	Int SE course, Boise, Idaho and W course, Burley, Idaho.	9,000
Int SE course, Boise, Idaho and W course, Burley, Idaho.	Burley, Idaho	7,000
Burley, Idaho	Malad City, Idaho	11,000
Malad City, Idaho	Kemmerer (Int), Wyo.	12,000
Kemmerer (Int), Wyo.	Rock Springs, Wyo.	10,000
Rock Springs, Wyo.	Laramie, Wyo.	10,500
Laramie, Wyo.	Dacona (Int), Colo.	11,500
Dacona (Int), Colo.	Thurman (VHF), Colo.	6,600
Thurman (VHF), Colo.	Goodland (VHF), Kans.	6,000
Goodland (VHF), Kans.	Hill City (VHF), Kans.	5,000
Hill City (VHF), Kans.	Waldo (VHF), Kans.	4,000
Waldo (VHF), Kans.	Salina (VHF), Kans.	3,000
Salina (VHF), Kans.	Topeka (VHF), Kans.	2,500
Topeka (VHF), Kans.	Kansas City, Mo.	2,500
Kansas City, Mo.	Excelsior Springs (Int), Mo.	2,200

§ 60.17-202 Red Civil Airway No. 2  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Butte, Mont.	Whitehall, Mont.	10,000
Whitehall, Mont.	Bozeman, Mont.	9,000
Bozeman, Mont.	Sheridan, Wyo.	7,000
Sheridan, Wyo.	Wright (Int), Wyo.	9,000
Wright (Int), Wyo.	Rapid City, S. Dak.	9,000

§ 60.17-203 Red Civil Airway No. 3  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Phillipsburg, Pa.	Harrisburg, Pa.	4,000
Harrisburg, Pa.	Mt. Holly (Int), N. J.	1,800
Mt. Holly (Int), N. J.	Freehold (Int), N. J.	1,700
Freehold (Int), N. J.	Flatbush (Int), N. Y.	1,500
Flatbush (Int), N. Y.	Port Chester (Int), N. Y.	1,500

§ 60.17-204 Red Civil Airway No. 4  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Otto, N. Mex.	Santa Fe, N. Mex.	10,000
Santa Fe, N. Mex.	Las Vegas, N. Mex.	12,500
Las Vegas, N. Mex.	Cuervo (Int), N. Mex.	9,500

§ 60.17-205 Red Civil Airway No. 5  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Sioux Falls, S. Dak.	Minneapolis, Minn.	3,000

§ 60.17-206 Red Civil Airway No. 6  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Mormon Mesa (Int), Nev.	St. George (VHF), Utah.	9,000
St. George (VHF), Utah.	Bryce Canyon (VHF), Utah.	13,000
Bryce Canyon (VHF), Utah.	Hanksville (VHF), Utah.	13,000
Hanksville (VHF), Utah.	Grand Junction (VHF), Colo.	10,000
Grand Junction (VHF), Colo.	Eagle (VHF), Colo.	14,000

From—	To—	Min. alt.
Eagle (VHF), Colo.	Denver (VHF), Colo.	15,000
Denver, Colo.	Akron, Colo.	6,600
Akron, Colo.	Hayes Center, Nebr.	5,600
Hayes Center, Nebr.	Curtis (Int), Nebr.	4,500
Curtis (Int), Nebr.	Grand Island, Nebr.	4,500
Grand Island, Nebr.	Lincoln, Nebr.	3,200
Lincoln, Nebr.	Omaha, Nebr.	2,700

§ 60.17-207 Red Civil Airway No. 7  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Greenville, S. C.	Spartanburg, S. C.	3,000
Spartanburg, S. C.	Charlotte, N. C.	2,800
Charlotte, N. C.	Mooreville (Int), N. C.	2,700
Mooreville (Int), N. C.	Greensboro, N. C.	2,000

§ 60.17-208 Red Civil Airway No. 8  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Brookville (MH), Pa.	Lockhaven (Int), Pa.	4,400
Lockhaven (Int), Pa.	Williamsport, Pa.	3,500
Williamsport, Pa.	Kingston (Int), Pa.	3,600

§ 60.17-209 Red Civil Airway No. 9  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
San Diego, Calif.	Mt. Laguna, Calif. (east-bound)	9,000
Mt. Laguna, Calif.	San Diego, Calif. (west-bound)	8,000
San Diego, Calif. (west-bound)	El Centro, Calif.	9,000
El Centro, Calif.	Yuma, Ariz.	3,000
Yuma, Ariz.	Gila Bend, Ariz.	4,000
Gila Bend, Ariz.	Casa Grande, Ariz.	5,000
Casa Grande, Ariz.	Winslow, Ariz.	10,000

§ 60.17-210 Red Civil Airway No. 10  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Pueblo, Colo.	Purgatorie (Int), Colo.	7,500
Purgatorie (Int), Colo.	Dalhart, Tex.	8,800
Dalhart, Tex.	Amarillo, Tex.	5,200
Amarillo, Tex.	Clarendon, Tex.	4,700
Clarendon, Tex.	Int NE course Childress (VHF), Tex. and NW course Wichita Falls, Tex.	3,900

From—	To—	Min. alt.
Int NE course Childress (VHF), Tex. and NW course Wichita Falls, Tex.	Wichita Falls, Tex.	2,500
Wichita Falls, Tex.	Haslett (Int), Tex.	2,200
Haslett (Int), Tex.	Dallas, Tex.	2,100
Dallas, Tex.	Wills Point (Int), Tex.	2,000
Wills Point (Int), Tex.	Shreveport, La.	1,800
Shreveport, La.	Monroe, La.	1,500
Monroe, La.	Jackson, Miss.	1,500
Jackson, Miss.	Meridian, Miss.	1,800
Meridian, Miss.	Birmingham, Ala. (east-bound)	2,500
Birmingham, Ala. (east-bound)	Meridian, Miss. (west-bound)	2,000
Meridian, Miss. (west-bound)	Madras (Int), Ga.	4,000
Madras (Int), Ga.	Bold Springs (Int), Ga.	2,800
Bold Springs (Int), Ga.	Augusta, Ga.	1,500

§ 60.17-211 Red Civil Airway No. 11  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Tulsa, Okla.	Verdigris River (Int), Okla.	2,000
Verdigris River (Int), Okla.	Neosho (Int), Mo.	2,200



From—	To—	Min. alt.
Neosho (Int), Mo.	Springfield, Mo.	2,400
Springfield, Mo.	Vichy, Mo.	2,600
Vichy, Mo.	St. Peters (Int), Mo.	2,200
Wood River (Int), Ill.	Evansville, Ind.	2,000
Evansville, Ind.	Louisville, Ky.	2,000
Louisville, Ky.	Georgetown (Int), Ky.	2,400
Georgetown (Int), Ky.	Huntington, W. Va.	2,600
Albany, N. Y.	Albany, N. Y.	3,500
Albany, N. Y.	Greenfield (Int), Mass.	5,500
Greenfield (Int), Mass.	Gardner (Int), Mass.	3,000
Gardner (Int), Mass.	Bedford (Int), Mass.	3,000
Bedford (Int), Mass.	Boston, Mass.	1,600
Boston, Mass.	East Boston (Int), Mass.	1,500

**§ 60.17-212 Red Civil Airway No. 12**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Excelsior Springs (Int), Mo.	Kirkville, Mo.	2,300
Kirkville, Mo.	Burlington, Iowa.	2,000
Burlington, Iowa.	Monmouth (Int), Ill.	2,000
Monmouth (Int), Ill.	Bradford (Int), Ill.	2,100
Bradford (Int), Ill.	Joliet, Ill.	2,000
Joliet, Ill.	Int NE course Joliet and W course South Bend, Ind.	2,300
Int NE course Joliet and W course South Bend.	South Bend, Ind.	2,000
South Bend, Ind.	Union (Int), Mich.	2,000
Union (Int), Mich.	Manchester (Int), Mich.	2,400
Manchester (Int), Mich.	Romulus, Mich.	2,000

**§ 60.17-213 Red Civil Airway No. 13**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Sunbury, Pa.	Wilkes-Barre, Pa.	4,000
Wilkes-Barre, Pa.	Stewart, N. Y.	3,500
Stewart, N. Y.	Poughkeepsie, N. Y.	3,000
Poughkeepsie, N. Y.	Hartford, Conn.	3,000
Hartford, Conn.	Moosup (Int), Conn.	2,000
Moosup (Int), Conn.	Providence, R. I.	1,600
Providence, R. I.	Franklin (Int), Mass.	1,500

**§ 60.17-214 Red Civil Airway No. 14**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Lone Rock, Wis.	Rockford, Ill.	3,100
Rockford, Ill.	Aurora (Int), Ill.	2,100
Aurora (Int), Ill.	Chicago, Ill.	2,300
Chicago, Ill.	Lansing (Int), Ind.	2,000
Lansing (Int), Ind.	Lafayette (Int), Ind.	1,800
Lafayette (Int), Ind.	Indianapolis, Ind.	2,100
Indianapolis, Ind.	Lanesville (Int), Ind.	2,200

**§ 60.17-215 Red Civil Airway No. 15**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Las Vegas, Nev.	Int SW course Las Vegas, Nev. and W course Prescott, Ariz.	10,000
Prescott, Ariz.	Phoenix, Ariz.	10,000
White Tank (Int), Ariz.	Gila Bend, Ariz.	5,000

**§ 60.17-216 Red Civil Airway No. 16**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Tallahassee, Fla.	Albany, Ga.	1,400
Albany, Ga.	Macon, Ga.	1,600
Augusta, Ga.	Columbia, S. C.	1,600
Columbia, S. C.	Florence, S. C.	1,500

**§ 60.17-217 Red Civil Airway No. 17**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Fort Wayne, Ind.	Findlay, Ohio.	2,100
Findlay, Ohio.	Mansfield, Ohio.	2,500
Mansfield, Ohio.	Pittsburgh, Pa.	2,700
Martinsburg, W. Va.	Lisbon (Int), Md.	3,000
Lisbon (Int), Md.	Relay (Int), Md.	2,000
Relay (Int), Md.	Baltimore, Md.	1,500

**§ 60.17-218 Red Civil Airway No. 18**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Greenfield (Int), Ind.	Cincinnati, Ohio.	2,300
Cincinnati, Ohio.	Huntington, W. Va.	2,300
Huntington, W. Va.	Charleston, W. Va.	2,500
Charleston, W. Va.	Sutton (Int), W. Va. (east-bound).	5,700
Sutton (Int), W. Va.	Charleston, W. Va. (west-bound).	3,700
Sutton (Int), W. Va.	Elkins, W. Va.	5,700
Elkins, W. Va.	Petersburg (Int), W. Va.	6,800
Petersburg (Int), W. Va.	Front Royal, Va.	5,300
Front Royal, Va.	Ashburn (Int), Va.	4,200
Ashburn (Int), Va.	Herndon (Int), Va.	3,000

**§ 60.17-219 Red Civil Airway No. 19**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Grand Rapids, Mich.	Goshen, Ind.	2,200
Goshen, Ind.	Fort Wayne, Ind.	2,300
Fort Wayne, Ind.	Dayton, Ohio.	2,200
Wellsburg (Int), W. Va.	Morgantown, W. Va.	3,000
Morgantown, W. Va.	Petersburg (Int), W. Va.	6,000

**§ 60.17-220 Red Civil Airway No. 20**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Lansing, Mich.	Flint, Mich.	2,300
Flint, Mich.	Windsor, Ont.	2,300
Windsor, Ont.	Cleveland, Ohio.	1,900
Cleveland, Ohio.	Akron, Ohio.	2,600
Akron, Ohio.	Pittsburgh, Pa.	2,500
Pittsburgh, Pa.	Mount Pleasant (Int), (east-bound).	4,000
Mt. Pleasant (Int), Pa.	Pittsburgh, Pa. (west-bound).	2,500
Mt. Pleasant (Int), Pa.	Flintstone (Int), Md.	4,500
Flintstone (Int), Md.	Martinsburg, W. Va.	4,000
Martinsburg, W. Va.	Herndon (Int), Va.	3,000
Herndon (Int), Va.	Washington, D. C.	1,800
Washington, D. C.	Brandywine (Int), Md.	1,500
Brandywine (Int), Md.	Huntingtown (Int), Md.	1,500
Huntingtown (Int), Md.	Meekins Neck (Int), Md.	1,500

**§ 60.17-221 Red Civil Airway No. 21**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Lansing, Mich.	Manchester (Int), Mich.	2,200
Romulus, Mich.	Sandusky (Int), Ohio.	2,300
Vermillion (Int), Ohio.	Akron, Ohio.	2,500
Akron, Ohio.	East Liverpool (Int), Ohio.	2,500
East Liverpool (Int), Ohio.	Pittsburgh, Pa.	2,500
Pittsburgh, Pa.	New Alexandria (Int), Pa. (east-bound).	4,000
New Alexandria (Int), Pa.	Pittsburgh, Pa. (west-bound).	2,500
New Alexandria (Int), Pa.	North Altoona (Int), Pa.	4,500
North Altoona (Int), Pa.	Sunbury, Pa.	4,500
Belfast (Int), Pa.	Newark, N. J.	2,700
Huntington (Int), N. Y.	Bridgeport, Conn.	1,500
Bridgeport, Conn.	South Glastenbury (Int), Conn.	2,000

From—	To—	Min. alt.
Providence, R. I.	Squantum, Mass.	1,700
Squantum, Mass.	East Boston (Int), Mass.	1,500

**§ 60.17-222 Red Civil Airway No. 22**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
U. S.-Canadian Border.	Buffalo, N. Y.	2,100
Buffalo, N. Y.	Rochester, N. Y.	2,000

**§ 60.17-223 Red Civil Airway No. 23**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Houghton, Mich.	Grand Marais, Mich.	2,500
Grand Marais, Mich.	Sault Ste. Marie, Mich.	2,500
Sault Ste. Marie, Mich.	U. S.-Canadian Border.	2,500
U. S.-Canadian Border.	Buffalo, N. Y.	1,900
Buffalo, N. Y.	Elmira, N. Y.	3,500
Elmira, N. Y.	Branchville (Int), N. Y.	3,500
Branchville (Int), N. Y.	Paterson (Int), N. J.	3,000
Paterson (Int), N. J.	LaGuardia, N. Y.	1,700
LaGuardia, N. Y.	St. James (Int), N. Y.	1,500

**§ 60.17-224 Red Civil Airway No. 24**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Amarillo, Tex.	Alanreed (Int), Tex.	4,700
Alanreed (Int), Tex.	Bessie (Int), Okla.	4,000
Bessie (Int), Okla.	Oklahoma City, Okla.	2,500

**§ 60.17-225 Red Civil Airway No. 25**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Drifton (Int), Fla.	Cross City, Fla.	1,200
Cross City, Fla.	Tidewater (Int), Fla.	1,200
Tidewater (Int), Fla.	Tampa, Fla.	1,300
Tampa, Fla.	Fort Meyers, Fla.	1,300
Fort Meyers, Fla.	Tamiami (Int), Fla.	1,200
Tamiami (Int), Fla.	Miami, Fla.	1,100

**§ 60.17-226 Red Civil Airway No. 26**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Syracuse, N. Y.	Wilkes-Barre, Pa.	3,500
Wilkes-Barre, Pa.	Slatington (Int), Pa.	3,500

**§ 60.17-227 Red Civil Airway No. 27**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Knoxville, Tenn.	Corbin (VHF), Ky.	4,500
Corbin (VHF), Ky.	Lexington (VHF), Ky.	3,100
Lexington (VHF), Ky.	Georgetown (Int), Ky.	2,300
Georgetown (Int), Ky.	Union (Int), Ky.	2,000
Union (Int), Ky.	Mt. Healthy (Int), Ohio.	2,300
Mt. Healthy (Int), Ohio.	Dayton, Ohio.	2,300
Dayton, Ohio.	Troy (Int), Ohio.	2,100
Troy (Int), Ohio.	Findlay, Ohio.	2,100
Findlay, Ohio.	Toledo, Ohio.	2,100
Toledo, Ohio.	Dundee (Int), Mich.	2,100
Dundee (Int), Mich.	Int N course Toledo and W course of Romulus.	2,000



## RULES AND REGULATIONS

§ 60.17-228 Red Civil Airway No. 28  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Rockford, Ill.	Wauconda (Int), Ill.	2,500
Wauconda (Int), Ill.	Chicago, Ill.	2,500
Chicago, Ill.	Benton Harbor (Int), Mich.	2,300
Benton Harbor (Int), Mich.	Bangor (FM), Mich.	1,900
Bangor (FM), Mich.	Grand Rapids, Mich.	2,200
Lansing, Mich.	Willow Run, Mich.	2,500

§ 60.17-229 Red Civil Airway No. 29  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
W. Henrietta (Int), N. Y.	Mt. Morris (Int), N. Y.	2,500
Wellsburg (Int), N. Y.	Williamsport, Pa.	4,000
Williamsport, Pa.	Sunbury, Pa.	3,500
Sunbury, Pa.	Harrisburg, Pa.	3,500
Harrisburg, Pa.	Seven Valleys (Int), Pa.	2,500
Seven Valleys (Int), Pa.	Lock Raven (Int), Md.	2,000
Lock Raven (Int), Md.	Baltimore, Md.	1,600
Baltimore, Md.	Huntingtown (Int), Md.	1,500

§ 60.17-230 Red Civil Airway No. 30  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Shreveport, La.	Alexandria, La.	1,500
Alexandria, La.	Baton Rouge, La.	1,500
Baton Rouge, La.	New Orleans, La.	1,500
Int W course Crestview & NE course Mobile, Ala.	Crestview, Fla.	1,300
Crestview, Fla.	Tallahassee, Fla.	1,400
Tallahassee, Fla.	Drifton (Int), Fla.	1,400
Drifton (Int), Fla.	Jacksonville, Fla.	1,200

§ 60.17-231 Red Civil Airway No. 31  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Denver (VHF), Colo.	Int E course Cheyenne and N course Denver (VHF).	8,500
Egbert (Int), Wyo.	Scottsbluff, Nebr.	6,600
Scottsbluff, Nebr.	Hemingford (Int), Nebr.	5,500
Hemingford (Int), Nebr.	Rapid City, S. Dak.	5,500
Rapid City, S. Dak.	Pierre, S. Dak.	4,400
Pierre, S. Dak.	Int E course Pierre and SW Huron.	3,300
Int E course Pierre and SW Huron.	Huron, S. Dak.	2,500
Huron, S. Dak.	Watertown, S. Dak.	2,900
Watertown, S. Dak.	Willmar, Minn.	3,000
Willmar, Minn.	Hamel (Int), Minn.	2,300
Minneapolis, Minn.	Stanton, Minn.	2,300
Stanton, Minn.	Red Wing (Int), Minn.	2,400

§ 60.17-232 Red Civil Airway No. 32  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Laredo, Tex.	San Antonio, Tex.	2,000
San Antonio, Tex.	Int NE course San Antonio and W course Alamo.	2,200
Austin, Tex.	Richmond, Tex.	1,900
Richmond, Tex.	Arcola (Int), Tex.	1,600

§ 60.17-233 Red Civil Airway No. 33  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Richmond, Va.	Gordonsville, Va.	3,000
Gordonsville, Va.	Remington (Int), Va.	3,000
Remington (Int), Va.	Arcola, Va.	2,400
Arcola, Va.	Lisbon (Int), Md.	2,500
Lisbon (Int), Md.	New Freedom (Int), Pa.	2,500
New Freedom (Int), Pa.	Lancaster (Int), Pa.	2,000
Lancaster (Int), Pa.	Allentown, Pa.	2,500
Allentown, Pa.	Belfast (Int), Pa.	2,700
Belfast (Int), Pa.	Branchville (Int), N. J.	2,700
Branchville (Int), N. J.	Stewart, N. Y.	3,000

§ 60.17-234 Red Civil Airway No. 34  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Pulaski, Va.	Greensboro, N. C.	7,000
Int NE course Greensboro and NW course Raleigh.	Raleigh, N. C.	2,100
Raleigh, N. C.	Wendell (Int), N. C.	1,800
Wendell (Int), N. C.	Rocky Mount (VHF), N. C.	1,800
Rocky Mount (VHF), N. C.	Elizabeth City (VHF), N. C.	1,500
Elizabeth City (VHF), N. C.	Weeksville, N. C.	1,200

§ 60.17-235 Red Civil Airway No. 35  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Pueblo, Colo.	La Junta, Colo.	6,000
La Junta, Colo.	Garden City, Kans.	5,500
Garden City, Kans.	Hutchinson, Kans.	4,000
Hutchinson, Kans.	Cassoday (Int), Kans.	2,700

§ 60.17-236 Red Civil Airway No. 36  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Stanton Minn.	Rochester, Minn.	2,500
Rochester, Minn.	La Crosse, Wis.	2,600

§ 60.17-237 Red Civil Airway No. 37  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Wills Point (Int), Tex.	Tyler, Tex.	1,800
Tyler, Tex.	Hawkins (Int), Tex.	1,700
Prescott (Int), Ark.	Little Rock, Ark.	1,700
Little Rock, Ark.	Stuttgart, Ark.	1,500
Stuttgart, Ark.	Aubrey (Int), Ark.	1,500
Roanoke, Va.	Lynchburg, Va.	5,000
Lynchburg, Va.	Gordonsville, Va.	5,000
Summit (Int), Va.	Quantico, Va.	1,500
Quantico, Va.	McLean (Int), Va.	1,800

§ 60.17-238 Red Civil Airway No. 38  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Mertzon (Int), Tex.	Goodfellow, Tex.	3,500
Goodfellow, Tex.	C-B Ranch (Int), Tex.	3,500
Medina (Int), Tex.	Alamo, Tex.	2,700

§ 60.17-239 Red Civil Airway No. 39  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Bethel, Alaska.	Aniak, Alaska.	2,300
Aniak, Alaska.	McGrath, Alaska.	5,800
McGrath, Alaska.	Minchumina, Alaska.	6,800
Minchumina, Alaska.	Nenana, Alaska.	4,800
Nenana, Alaska.	Fairbanks, Alaska.	3,900

§ 60.17-240 Red Civil Airway No. 40  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Shemya, Alaska.	Amchitka, Alaska.	5,000
Amchitka, Alaska.	Chunnu (Int), Alaska.	3,000
Chunnu (Int), Alaska.	Adak, Alaska.	4,900
Heiden, Alaska.	Rocky Point (Int), Alaska.	9,000
Rocky Point (Int), Alaska.	Kodiak, Alaska.	6,000
Kodiak, Alaska.	Homer, Alaska.	6,000
Anchor Point, Alaska.	Kenai, Alaska.	1,400
Kenai, Alaska.	Delta Island (Int), Alaska.	1,500
Delta Island (Int), Alaska.	Merrill, Alaska.	1,500

§ 60.17-241 Red Civil Airway No. 41  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Cape Spencer (Int), Alaska.	Gustavus, Alaska.	5,500

§ 60.17-242 Red Civil Airway No. 42  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Int SE course Rockford, Ill. and W course Goshen, Ind.	Int SE course Rockford and SE course Chicago, Ill.	1,900

§ 60.17-243 Red Civil Airway No. 43  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Wauconda (Int), Ill.	Highland Park (Int), Ill.	2,000
Highland Park (Int), Ill.	Momence (Int), Ill.	2,000

§ 60.17-244 Red Civil Airway No. 44  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Bellingham, Wash.	Princeton, British Columbia.	10,000

§ 60.17-245 Red Civil Airway No. 45  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Washington, D. C.	Baltimore, Md.	1,700
Baltimore, Md.	Lock Raven (Int), Md.	1,600
Lock Raven (Int), Md.	Lancaster (Int), Pa.	2,000



§ 60.17-246 Red Civil Airway No. 46  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Aberdeen, S. Dak.	Watertown, S. Dak.	8,000

§ 60.17-247 Red Civil Airway No. 47  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Tampa, Fla.	Orlando, Fla.	1,500
Orlando, Fla.	Daytona Beach, Fla.	1,500

§ 60.17-248 Red Civil Airway No. 48  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Missoula, Mont.	Craig (Int), Mont.	11,500
Canton Int, Mont.	Livingston, Mont.	10,000

§ 60.17-249 Red Civil Airway No. 49  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Elko, Nev.	Wendover, Utah.	12,500
Wendover, Utah.	Salt Lake City, Utah.	11,000
Salt Lake City, Utah.	Fort Bridger, Wyo.	13,000
Fort Bridger, Wyo.	Kemmerer (Int), Wyo.	10,000

§ 60.17-250 Red Civil Airway No. 50  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Galtan (Int), Alaska.	Tanana, Alaska.	3,800
Tanana, Alaska.	Fairtan (Int), Alaska.	4,000

§ 60.17-251 Red Civil Airway No. 51  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
El Paso, Tex.	Van Horn (VHF), Tex.	9,000
Van Horn (VHF), Tex.	Marfa (VHF), Tex.	9,000
Marfa (VHF), Tex.	Big Bend (VHF), Tex.	9,000

§ 60.17-252 Red Civil Airway No. 52  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Memphis, Tenn.	Muscle Shoals, Ala.	2,000
Muscle Shoals, Ala.	Birmingham, Ala.	2,500

§ 60.17-253 Red Civil Airway No. 53  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Joplin, Mo.	Halltown (Int), Mo.	2,500

§ 60.17-254 Red Civil Airway No. 54  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Burley, Idaho.	Strevell, Idaho.	12,500
Strevell, Idaho.	Salt Lake City, Utah.	12,000

§ 60.17-255 Red Civil Airway No. 55  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Burlington, Iowa.	Peoria, Ill.	2,000
Peoria, Ill.	Pontiac (Int), Ill.	2,000
Goshen, Ind.	Findlay, Ohio.	2,300
Findlay, Ohio.	Columbus, Ohio.	2,800

§ 60.17-256 Red Civil Airway No. 56  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Delta (Int), Calif.	Whitmore, Calif.	8,000

§ 60.17-257 Red Civil Airway No. 57  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Moline, Ill.	Rockford, Ill.	2,500
Rockford, Ill.	Milwaukee, Wis.	2,500
Milwaukee, Wis.	Battle Creek, Mich.	2,200
Battle Creek, Mich.	Toledo, Ohio.	2,200
Akron, Ohio.	Youngstown, Ohio.	2,500

§ 60.17-258 Red Civil Airway No. 58  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Salinas (VHF), Calif.	Hollister (Int), Calif.	6,000

§ 60.17-259 Red Civil Airway No. 59  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Gage, Okla.	Oklahoma City, Okla.	3,500

§ 60.17-260 Red Civil Airway No. 60  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Int NW course Salinas and SW course Moffett.	Moffett, Calif.	5,000
Oakland, Calif.	Stockton, Calif.	5,000
Stockton, Calif.	Peters (Int), Calif.	2,500

§ 60.17-261 Red Civil Airway No. 61  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Flintstone (Int), Md.	Martinsburg, W. Va.	4,000
Martinsburg, W. Va.	Arcola, Va.	3,000
Arcola, Va.	Mt. Vernon (Int), Va.	1,600

§ 60.17-262 Red Civil Airway No. 62  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Lansing, Mich.	Manchester (Int), Mich.	2,200
Detroit, Mich.	Sandusky (Int), Ohio.	2,800
Akron, Ohio.	Wellsburg (Int), Ohio.	2,400

§ 60.17-263 Red Civil Airway No. 63  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Bangor (Int), Mich.	Battle Creek, Mich.	2,200
Battle Creek, Mich.	Jackson, Mich.	2,300
Jackson, Mich.	Salem (VHF), Mich.	2,500
Salem (VHF), Mich.	Warren (Int), Mich.	2,200
Int. NW course Romulus and W course Sarnia, Ont.	Ontario, Canada, Boundary.	2,200

§ 60.17-264 Red Civil Airway No. 64  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Cape Muzon (Int), Alaska.	Annette Island, Alaska.	4,700

§ 60.17-265 Red Civil Airway No. 65  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Oceanside, Calif.	Julian, Calif.	13,000
Julian, Calif.	Desert Center, Calif.	13,000

§ 60.17-266 Red Civil Airway No. 66  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Santa Barbara, Calif.	Newhall, Calif.	9,000

§ 60.17-267 Red Civil Airway No. 67  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Crestview, Fla.	Dothan, Ala.	1,500

§ 60.17-268 Red Civil Airway No. 68  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
El Paso, Tex.	Clint, Tex.	6,000
Clint, Tex.	Hudspeth (VHF), Tex.	7,500
Hudspeth (VHF), Tex.	Culberson (VHF), Tex.	7,500
Culberson (VHF), Tex.	Int E course Culberson (VHF) and SW course Midland, Tex.	6,100
Int E course Culberson (VHF) and SW course Midland, Tex.	Midland, Tex.	4,500
Midland, Tex.	San Angelo, Tex.	4,300
San Angelo, Tex.	Paint Rock (Int), Tex.	3,000
Paint Rock (Int), Tex.	Abilene, Tex.	3,800
Int NW course Waco and W course Ft. Worth.	Int W course Dallas and W course Waco.	2,500
Int W course Dallas and W course Waco.	Int S course Fort Worth and W course Dallas.	2,500
Tyler, Tex.	Shreveport, La.	1,700

§ 60.17-269 Red Civil Airway No. 69  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Int E course Culberson (VHF), Tex. and SW course Wink (VHF).	Int SW course Wink (VHF) Tex. and W course Wink (LF).	4,500
Midland, Tex.	Stanton (Int), Tex.	4,500



## RULES AND REGULATIONS

§ 60.17-270 Red Civil Airway No. 70  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Midland, Tex.....	Lubbock, Tex.....	4,500
Lubbock, Tex.....	Childress (VHF), Tex.....	3,500
Childress (VHF), Tex.....	Hobart (VHF), Okla.....	3,500
Hobart (VHF), Okla.....	Oklahoma City, Okla.....	3,000

§ 60.17-271 Red Civil Airway No. 71  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Lubbock, Tex.....	Guthrie (VHF), Tex.....	4,500
Guthrie (VHF), Tex.....	Wichita Falls, Tex.....	3,000

§ 60.17-272 Red Civil Airway No. 72  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Hartly (Int), Del.....	New Castle, Del.....	1,500
New Castle, Del.....	Int N course New Castle and W course, Philadelphia, Pa.....	1,800
Int E course Harrisburg and SW course Willow Grove, Pa.....	Willow Grove, Pa.....	1,500
Willow Grove, Pa.....	Int NE course Willow Grove and E course, Allentown.....	1,500

§ 60.17-273 Red Civil Airway No. 73  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Int W course New Castle and W course Philadelphia, New Castle, Del.....	New Castle, Del.....	1,800
New Castle, Del.....	Int E course New Castle and NE course, Millville, N. J.....	1,500

§ 60.17-274 Red Civil Airway No. 74  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Covington (VOR), Ky.....	Louisville, Ky.....	2,100

§ 60.17-276 Red Civil Airway No. 76  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Williams, Calif.....	Auburn (Int), Calif. (east-bound).....	7,000
Auburn (Int), Calif.....	Williams, Calif. (west-bound).....	5,000

§ 60.17-277 Red Civil Airway No. 77  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Richmond, Va.....	Int N course Richmond and SW course, Patuxent River, Md.....	1,500
Int N course Richmond and SW course Patuxent River, Md.....	Int SW course Patuxent River and S course, Brandywine, Md.....	1,500
Int SW course Patuxent River and S course, Brandywine, Md.....	Patuxent River, Md.....	1,500
Patuxent River, Md.....	Meekins Neck (Int), Md.....	1,500
Meekins Neck (Int), Md.....	Millville, N. J.....	1,500

§ 60.17-278 Red Civil Airway No. 78  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Asbland (Int), Oreg.....	Klamath Falls, Oreg.....	9,500

§ 60.17-279 Red Civil Airway No. 79  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Port Gamble (Int), Wash.....	Everett, Wash.....	2,000

§ 60.17-280 Red Civil Airway No. 80  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Forest Grove (Int), Mont.....	Int E course Lewis-town and N course Custer, Mont.....	7,000
Int E course Lewis-town and N course Custer.....	Miles City, Mont.....	6,000

§ 60.17-281 Red Civil Airway No. 81  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Parkersburg (VHF), W. Va.....	Sutton (Int), W. Va. (east-bound).....	5,700
Sutton (Int), W. Va.....	Parkersburg (VHF), W. Va. (west-bound).....	3,700

§ 60.17-282 Red Civil Airway No. 82  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Skwentna, Alaska.....	Willow (Int), Alaska (east-bound).....	2,500
Willow (Int), Alaska.....	Skwentna, Alaska (west-bound).....	5,000
Willow (Int), Alaska.....	Wasilla (Int), Alaska.....	7,000

§ 60.17-283 Red Civil Airway No. 83  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Int SE course Tucson and W course Co-chise, Ariz.....	Douglas, Ariz.....	10,000
Douglas, Ariz.....	Rodeo, N. Mex.....	11,000

§ 60.17-284 Red Civil Airway No. 84  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Callender H fac., La.....	Keesler, Miss.....	1,200

§ 60.17-285 Red Civil Airway No. 85  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Dayton, Ohio.....	Mansfield, Ohio.....	2,500

## BLUE CIVIL AIRWAYS

§ 60.17-601 Blue Civil Airway No. 1  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Angola (Int), N. Y.....	Buffalo, N. Y.....	2,000
Buffalo, N. Y.....	Niagara Falls, N. Y.....	2,000

§ 60.17-602 Blue Civil Airway No. 2  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Birmingham, Ala.....	Chattanooga, Tenn.....	4,000
Chattanooga, Tenn.....	Knoxville, Tenn.....	3,000
Elkins, W. Va.....	Morgantown, W. Va.....	5,300
Morgantown, W. Va.....	Pittsburgh, Pa.....	3,000
Pittsburgh, Pa.....	Mercer (Int), Pa.....	3,000
Mercer (Int), Pa.....	Erie, Pa.....	2,500

§ 60.17-603 Blue Civil Airway No. 3  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Marianna (Int), Fla.....	Dothan, Ala.....	1,400
Dothan, Ala.....	Maxwell, Ala.....	1,600
Maxwell, Ala.....	Mulberry (Int), Ala.....	1,800
Mulberry (Int), Ala.....	Birmingham, Ala.....	2,700
Muscle Shoals, Ala.....	Nashville, Tenn.....	2,500
Nashville, Tenn.....	Evansville, Ind.....	2,000
Evansville, Ind.....	Terre Haute, Ind.....	1,900
Terre Haute, Ind.....	Veederburg (Int), Ind.....	1,900
Veederburg (Int), Ind.....	Lafayette, Ind.....	1,800

§ 60.17-604 Blue Civil Airway No. 4  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Boston, Mass.....	Peabody (Int), Mass.....	1,300
Peabody (Int), Mass.....	Chester (Int), N. H.....	1,500
Chester (Int), N. H.....	Concord, N. H.....	2,000
Concord, N. H.....	Northfield (Int), Vt.....	5,000
Northfield (Int), Vt.....	Huntington (FM), Vt.....	6,000
Huntington (FM), Vt.....	Burlington, Vt. (north-bound).....	2,600
Burlington, Vt.....	Huntington (FM), Vt. (south-bound).....	6,000
Burlington, Vt.....	Quebec, Canada, boundary.....	1,500

§ 60.17-605 Blue Civil Airway No. 5  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Galveston, Tex.....	Houston, Tex.....	1,300
Houston, Tex.....	Bryan, Tex.....	1,600
Bryan, Tex.....	Waco, Tex.....	1,900
Waco, Tex.....	Dallas, Tex.....	1,900
Dallas, Tex.....	Marietta (Int), Tex.....	2,000
Oklahoma City, Okla.....	Portland (Int), Kans.....	3,000
Portland (Int), Kans.....	Wichita, Kans.....	2,500
Wichita, Kans.....	Newton (Int), Kans.....	2,800
Int E course Hutchinson, and S course Smoky Hill.....	Smoky Hill, Kans.....	2,800

§ 60.17-606 Blue Civil Airway No. 6  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Abilene, Tex.....	Wichita Falls, Tex.....	5,000
Wichita Falls, Tex.....	Washington (Int), Okla.....	2,500
Springfield, Ill.....	Peoria, Ill.....	2,000
Peoria, Ill.....	Bradford (Int), Ill.....	2,000
N. Liberty (Int), Ind.....	South Bend, Ind.....	2,000
South Bend, Ind.....	Benton Harbor (Int), Mich.....	2,000
Bangor (Int), Ind.....	Muskegon, Mich.....	1,800



**§ 60.17-607 Blue Civil Airway No. 7**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Paso Robles, Calif.	Hollister (Int), Calif.	6,000
Hollister (Int), Calif.	Morgan Hill (Int), Calif.	6,000
Int W course Fresno and S course Fairfield.	Byron (Int), Calif.	6,500
Byron (Int), Calif.	Fairfield-Suisun, Calif.	5,000
Fairfield-Suisun, Calif.	Williams, Calif.	4,000

**§ 60.17-608 Blue Civil Airway No. 8**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Fargo, N. Dak.	Grand Forks, N. Dak.	2,300
Grand Forks, N. Dak.	Pembina, N. Dak.	2,100

**§ 60.17-609 Blue Civil Airway No. 9**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Columbia, Mo.	Kirksville, Mo.	2,200
Kirksville, Mo.	Humeston (Int), Iowa.	2,500
Humeston (Int), Iowa.	Des Moines, Iowa.	2,500
Des Moines, Iowa.	Mason City (Int), Iowa.	2,500
Mason City (Int), Iowa.	Le Roy (Int), Iowa.	2,500
Le Roy (Int), Iowa.	Rochester, Minn.	2,500
Rochester, Minn.	Red Wing (Int), Minn.	2,400
Minneapolis, Minn.	Duluth, Minn.	2,600
Duluth, Minn.	Canadian Boundary	3,300

**§ 60.17-610 Blue Civil Airway No. 10**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Fresno, Calif.	Los Banos (Int), Calif. (north-bound).	6,000
Los Banos (Int), Calif.	Fresno, Calif. (south-bound).	3,000
Los Banos, Calif.	Oakland, Calif.	6,000
Oakland, Calif.	Richmond (Int), Calif.	3,000
Richmond (Int), Calif.	Williams, Calif.	6,000

**§ 60.17-611 Blue Civil Airway No. 11**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Cleveland, Ohio.	Perry (Int), Ohio.	2,500
Perry (Int), Ohio.	Kingsville (Int), Ohio.	2,000
Kingsville (Int), Ohio.	Erie, Pa.	2,200
Erie, Pa.	Dunkirk (Int), N. Y.	2,500
Dunkirk (Int), N. Y.	Angola (Int), N. Y.	2,000
Angola (Int), N. Y.	Buffalo, N. Y.	2,000
Buffalo, N. Y.	Niagara Falls, N. Y.	2,000

**§ 60.17-612 Blue Civil Airway No. 12**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
The Dalles, Oreg.	Yakima, Wash.	8,000
Yakima, Wash.	Ellensburg, Wash.	5,000

**§ 60.17-613 Blue Civil Airway No. 13**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Houston, Tex.	Cleveland (VHF), Tex.	1,600
Cleveland (VHF), Tex.	Joaquin (VHF), Tex.	1,600
Joaquin (VHF), Tex.	Shreveport, La.	1,500

From—	To—	Min. alt.
Shreveport, La.	Texarkana, Ark.	1,700
Texarkana, Ark.	Fort Smith, Ark.	3,800
Fort Smith, Ark.	Neosho (Int), Mo.	3,000
Neosho (Int), Mo.	Joplin, Mo.	2,500
Joplin, Mo.	Belton (Int), Mo.	2,500
Belton (Int), Mo.	Kansas City, Mo.	2,600
Excelsior Springs, Mo.	Des Moines, Iowa.	2,200
Mason City, Iowa.	Stanton, Minn.	2,500

**§ 60.17-614 Blue Civil Airway No. 14**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Mount Laguna, Calif.	Oceanside, Calif.	9,000
Fontana (FM), Calif.	Riverside, Calif. (south-bound).	5,000
Riverside, Calif.	Fontana (FM), Calif. (north-bound).	12,000
Fontana (FM), Calif.	Palmdale, Calif.	12,000
Palmdale, Calif.	Wheeler Ridge (Int), Calif.	10,000
Los Banos (Int), Calif.	Stockton, Calif.	3,000
Stockton, Calif.	Int N course Stockton and SE course Sacramento.	3,000

**§ 60.17-615 Blue Civil Airway No. 15**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Int NW course Huntington, W. Va., and S course Columbus.	Columbus, Ohio.	2,200
Newark (Int), Ohio.	Akron, Ohio.	2,400
Akron, Ohio.	Parkman (Int), Ohio.	2,500
Parkman (Int), Ohio.	North Springfield (Int), Pa.	2,400
North Springfield (Int), Pa.	Erie, Pa.	2,200

**§ 60.17-616 Blue Civil Airway No. 16**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Dillon, Mont.	Butte, Mont.	11,500
Butte, Mont.	Garrison (Int), Mont.	9,000
Int W course Helena, and S W course Great Falls, Mont.	Craig (Int), Mont.	9,500

**§ 60.17-617 Blue Civil Airway No. 17**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
St. Croix (Int), Maine.	Houlton, Maine.	2,500
Houlton, Maine.	Maple Grove (Int), Maine.	3,000
Maple Grove (Int), Maine.	Presque Isle, Maine.	2,000

**§ 60.17-618 Blue Civil Airway No. 18**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Freehold (Int), N. J.	Idlewild, N. Y.	1,500
Idlewild, N. Y.	Great Neck (Int), N. Y.	1,500
Paterson (Int), N. J.	Poughkeepsie, N. Y.	3,000
Poughkeepsie, N. Y.	Albany, N. Y.	5,000
Albany, N. Y.	Vergennes (FM), Vt.	4,500
Vergennes (FM), Vt.	Burlington, Vt. (north-bound).	2,000
Burlington, Vt.	Vergennes (FM), Vt. (south-bound).	4,500

**§ 60.17-619 Blue Civil Airway No. 19**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Miami, Fla.	Belle Glade (Int), Fla.	1,300
Belle Glade (Int), Fla.	Melbourne, Fla.	1,200
Melbourne, Fla.	Orlando, Fla.	1,500

**§ 60.17-620 Blue Civil Airway No. 20**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Atlantic City, N. J.	Millville, N. J.	1,500
Millville, N. J.	Boothwyn (Int), Pa.	1,800
Philadelphia, Pa.	Wings (Int), Pa.	2,000
Wings (Int), Pa.	Allentown, Pa.	2,500

**§ 60.17-621 Blue Civil Airway No. 21**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Charleston (VHF), W. Va.	Parkersburg (VHF), W. Va.	2,500
Parkersburg (VHF), W. Va.	Wheeling (VHF), W. Va.	2,600
East Liverpool (Int), Ohio.	Youngstown, Ohio.	2,500
Youngstown, Ohio.	Kingsville (Int), Ohio.	2,200

**§ 60.17-622 Blue Civil Airway No. 22**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Alzheimer (Int), Ark.	Little Rock, Ark.	1,300
Little Rock, Ark.	Alma, Ark.	3,800
Alma, Ark.	Tulsa, Okla.	3,000
Tulsa, Okla.	Portland (Int), Kans.	2,200

**§ 60.17-623 Blue Civil Airway No. 23**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Wixom (FM), Mich.	Flint, Mich.	2,200

**§ 60.17-624 Blue Civil Airway No. 24**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
El Centro, Calif.	Indio, Calif.	9,000
Indio, Calif.	Palm Springs (Int), Calif.	13,000

**§ 60.17-625 Blue Civil Airway No. 25**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Cordova, Alaska.	Gulkana, Alaska.	9,500
Gulkana, Alaska.	Big Delta, Alaska.	13,000

**§ 60.17-626 Blue Civil Airway No. 26**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Anchorage, Alaska.	Willow (Int), Alaska.	2,500
Willow (Int), Alaska.	Talkeetna, Alaska.	4,800
Talkeetna, Alaska.	Summit, Alaska.	10,000
Summit, Alaska.	Keevey (Int), Alaska.	9,500
Keevey (Int), Alaska.	Nenana, Alaska.	9,500



## RULES AND REGULATIONS

§ 60.17-627 Blue Civil Airway No. 27  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Rocky Point (Int), Alaska.	Naknek, Alaska.....	10,300
Naknek, Alaska.....	Bethel, Alaska.....	7,500
Bethel, Alaska.....	Nome, Alaska.....	3,500
Nome, Alaska.....	Kotzebue, Alaska.....	6,000

§ 60.17-628 Blue Civil Airway No. 28  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Charleston, S. C.....	Columbia, S. C.....	1,500
Columbia, S. C.....	Spartanburg, S. C.....	2,000

§ 60.17-629 Blue Civil Airway No. 29  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Raleigh, N. C.....	South Boston (Int), Va.	2,000
South Boston (Int), Va.	Lynchburg, Va.....	2,500

§ 60.17-630 Blue Civil Airway No. 30  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Kingsville (Int), Tex.....	Corpus Christi, Tex.....	1,400
Corpus Christi, Tex.....	Losoya (Int), Tex.....	1,700
Losoya (Int), Tex.....	San Antonio, Tex.....	2,000
San Antonio, Tex.....	Medina (Int), Tex.....	2,500
Medina (Int), Tex.....	CB Ranch (Int), Tex.....	3,500
CB Ranch (Int), Tex.....	Big Spring, Tex.....	4,000
Big Spring, Tex.....	Lubbock, Tex.....	4,500
Lubbock, Tex.....	Amarillo, Tex.....	5,000

§ 60.17-631 Blue Civil Airway No. 31  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
New Florence, Mo.....	Kirksville, Mo.....	2,100

§ 60.17-632 Blue Civil Airway No. 32  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Pendleton, Oreg.....	Yakima, Wash.....	5,000
Seattle, Wash.....	Port Gamble (Int), Wash.	2,000
Port Gamble (Int), Wash.	Dungeness (Int), Wash.....	5,000
Dungeness (Int), Wash.....	Patricia Bay, British Columbia.....	2,000
Skwentna, Alaska.....	Summit, Alaska.....	10,000

§ 60.17-633 Blue Civil Airway No. 33  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Archbold, Ohio.....	Int of straight line be- tween Archbold and Jackson, Mich., with W course of Detroit.	2,300

§ 60.17-634 Blue Civil Airway No. 34  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Alma, Ark.....	Ft. Smith, Ark.....	2,200
Ft. Smith, Ark.....	Muskogee, Okla.....	2,200
Muskogee, Okla.....	Tulsa, Okla.....	2,200

§ 60.17-635 Blue Civil Airway No. 35  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Int SW course Topeka and SE course Mar- shall, Kans.	Topeka, Kans.....	2,200
Topeka, Kans.....	St. Joseph, Mo.....	2,400
St. Joseph, Mo.....	Braymer (Int), Mo.....	2,400
Brookfield (Int), Mo.....	Humeston (Int), Iowa.....	2,500

§ 60.17-636 Blue Civil Airway No. 36  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Int E course Thurman (VHF), Colo. and S course Akron.	Akron, Colo.....	6,000
Akron, Colo.....	North Platte, Nebr.....	5,500

§ 60.17-637 Blue Civil Airway No. 37  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Casper, Wyo.....	Wright (Int), Wyo.....	7,500

§ 60.17-638 Blue Civil Airway No. 38  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Annette Island, Alaska.	Petersburg, Alaska.....	5,700
Petersburg, Alaska.....	Gustavus, Alaska.....	7,000
Gustavus, Alaska.....	Haines, Alaska.....	9,400
Haines, Alaska.....	Tanacross (Int), Alaska.	9,800
Tanacross (Int), Alaska.	Whitehorse, Yukon Territory.	9,300

§ 60.17-639 Blue Civil Airway No. 39  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Tri-City, Tenn.....	Painsville, W. Va.....	6,300
Painsville, W. Va.....	Charleston, W. Va.....	5,000
Sutton (Int), W. Va.....	Morgantown, W. Va.....	4,000
Morgantown, W. Va.....	Mount Pleasant (Int), Pa.	4,000
North Altoona (Int), Pa.	Phillipsburg, Pa.....	4,500
Phillipsburg, Pa.....	Elmira, N. Y.....	4,500
Elmira, N. Y.....	South Onondaga (Int), N. Y.	3,500
Syracuse, N. Y.....	Henderson Bay (Int), N. Y.	2,000
Henderson Bay (Int), N. Y.	Watertown (VHF), N. Y.	2,000
Watertown (VHF), N. Y.	Ogdensburg (Int, N. Y.)	3,000
Ogdensburg (Int), N. Y.	Massena (VHF), N. Y.	3,000
Massena (VHF), N. Y.	Canadian Boundary (St. Remi Int).	2,000

§ 60.17-640 Blue Civil Airway No. 40  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Concord, N. H.....	Lebanon, N. H.....	5,000
Lebanon, N. H.....	Montpelier, Vt.....	4,500
Montpelier, Vt.....	Burlington, Vt.....	6,000

§ 60.17-641 Blue Civil Airway No. 41  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Port Chester (Int), N. Y.	Bridgeport, Conn.....	1,500
Bridgeport, Conn.....	Hartford, Conn.....	2,000
Hartford, Conn.....	Westfield, Mass.....	2,500
Concord, N. H.....	Portland, Maine.....	2,500
Bangor, Maine.....	Topsfield (Int), Maine.	2,500

§ 60.17-642 Blue Civil Airway No. 42  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Burr Oak (Int), Mich..	Battle Creek, Mich....	2,000

§ 60.17-643 Blue Civil Airway No. 43  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Garden City (Int), Ala.	Walter Hill (FM), Tenn.	2,500

§ 60.17-644 Blue Civil Airway No. 44  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Advance, Mo.....	Paducah, Ky.....	2,000
Paducah, Ky.....	Evansville, Ind.....	2,000
Evansville, Ind.....	Scotland (VHF), Ind..	2,000
Scotland (VHF), Ind..	Indianapolis, Ind.....	2,000
Indianapolis, Ind.....	Fort Wayne, Ind.....	2,400

§ 60.17-645 Blue Civil Airway No. 45  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Caroline (Int), La.....	Baton Rouge, La.....	1,500

§ 60.17-646 Blue Civil Airway No. 46  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Lebec (FM), Calif.....	Morgan Hill (Int), Calif. (northbound).	8,000
Morgan Hill (Int), Calif.	Lebec (FM), Calif. (southbound).	10,000

§ 60.17-647 Blue Civil Airway No. 47  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Flintstone (Int), Md...	Altoona, Pa.....	4,700
Altoona, Pa.....	North Altoona (Int), Pa.	4,500



**§ 60.17-648 Blue Civil Airway No. 48**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Port Chester (Int), N. Y.	Peekskill, N. Y.	2,000

**§ 60.17-649 Blue Civil Airway No. 49**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Carmel (Int), N. J.	Philadelphia, Pa.	1,500

**§ 60.17-650 Blue Civil Airway No. 50**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Oldtown (Int), Maine	Canadian boundary	2,500

**§ 60.17-651 Blue Civil Airway No. 51**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Int E course Wendover, Utah and S course Lucin, Utah	Lucin, Utah	12,000
Goose Creek (Int), Idaho	Goose Creek (Int), Idaho	12,000
Burley, Idaho	Burley, Idaho	12,000
Int NE course Burley and SW course Po- catello, Idaho	Pocatello, Idaho	7,000
Pocatello, Idaho	Dubois, Idaho	7,500

**§ 60.17-652 Blue Civil Airway No. 52**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Int SE course Salinas (VHF) and SW course Fresno	Fresno, Calif.	7,000

**§ 60.17-653 Blue Civil Airway No. 53**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Salem (Int), Conn.	Hartford, Conn.	2,000

**§ 60.17-654 Blue Civil Airway No. 54**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Salinas, Calif.	Evergreen (FM), Calif.	6,000
Evergreen (FM), Calif.	San Francisco, Calif.	6,000
Richmond (Int), Calif.	Hamilton, Calif.	4,000

**§ 60.17-655 Blue Civil Airway No. 55**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Crestview, Fla.	Montgomery, Ala.	1,500

**§ 60.17-656 Blue Civil Airway No. 56**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Weeksville, Va.	Norfolk (VHF), Va.	1,500
Hampton (Int), Va.	Langley, Va.	1,500
Langley, Va.	Brandywine, Md.	1,500

**§ 60.17-657 Blue Civil Airway No. 57**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Int NE course Elko, Nev., and W course Lucin, Utah	Int. NE course Elko and SW course Bur- ley, Idaho	12,000
Int NE course Elko and SW course Burley	Int SW course Burley and N course Lucin, Utah	12,000

**§ 60.17-658 Blue Civil Airway No. 58**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Sioux Falls, S. Dak.	Watertown, S. Dak.	3,000

**§ 60.17-659 Blue Civil Airway No. 59**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Pensacola, Fla.	Molino (Int), Fla.	1,300
Molino (Int), Fla.	Goodway (Int), Ala.	1,400

**§ 60.17-660 Blue Civil Airway No. 60**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Moffett, Calif.	Byron (Int), Calif.	5,000

**§ 60.17-661 Blue Civil Airway No. 61**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Springfield, Mo.	Int N course, Joplin, Mo., and SE course Kansas City	2,500

**§ 60.17-662 Blue Civil Airway No. 62**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Int W course, Detroit and S course Salem (VHF)	Salem (VHF), Mich.	2,000
Salem (VHF), Mich.	Flint, Mich.	2,300

**§ 60.17-663 Blue Civil Airway No. 63**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Pomona (Int), Kans.	Topeka (VHF), Kans.	2,400

**§ 60.17-664 Blue Civil Airway No. 64**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Lebo, Kans.	Topeka, Kans.	2,200

**§ 60.17-665 Blue Civil Airway No. 65**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Garden City, Kans.	Int N. course Garden City and E. course Goodland (VHF), Kans.	5,000

**§ 60.17-666 Blue Civil Airway No. 66**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Int E course, Pough- keepsie, N. Y., and NW course Bridge- port, Conn.	Bridgeport, Conn.	2,400
Bridgeport, Conn.	Int SE course La- Guardia, N. Y.	1,200

**§ 60.17-667 Blue Civil Airway No. 67**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Yuma, Ariz.	Blythe, Calif.	5,000
Blythe, Calif.	Needles, Calif.	6,000
Needles, Calif.	Willow Beach (Int), Ariz.	8,000

**DIRECT ROUTES**

**§ 60.17-1001 Northeast United States**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Akron, Ohio	Zanesville, Ohio	2,400
Atlantic City, N. J.	Matawan, N. J.	1,500
Baltimore, Md.	Hartley (Int), Del.	1,500
Bangor, Maine	Blissville, New Brun- swick, Canada	2,500
Battle Creek, Mich.	Willow Run, Mich.	2,500
Boothwyn (Int), Pa.	Reading (Int), Pa.	2,500
Boston, Mass.	Hyannis, Mass.	1,500
Bradley Field, Conn.	Woodstock (Int), Conn.	2,500
Brookville, Pa.	Bradford, Pa.	4,000
Burlington, Ill.	Quincy, Ill.	1,800
Charleston, W. Va.	Columbus, Ohio	2,300
Chicago, Ill.	Int E course Joliet, Ill. and W course South Bend, Ind.	2,300
Dayton, Ohio	New Castle, Ind.	2,400
Des Moines, Iowa	Sioux City, Iowa	2,500
Dover (VHF), Del.	Int NW course Salis- bury (VHF), Md. and N course Chincoteague, Va. (via N course Chincoteague)	1,500
Dover (VHF), Del.	Int SE course Dover (VHF) and NE course Salisbury (VHF), Md. (via SE course Dover) (VHF)	1,500
Duluth, Minn.	Fargo, N. Dak.	3,100
Dundee (Int), Mich.	Archbold (Int), Ohio	2,000
Erie, Pa.	Bradford, Pa.	4,000
Flintstone (Int), Md.	Int W course Martins- burg, W. Va. and SW course, Altoona, Pa.	4,000
Forked River (Int), N. J.	Atlantic City, N. J.	1,800
Greenfield (FM), Ind.	Advance (FM), Ind.	2,400
Hartly (Int), Del.	Int E course Baltimore, Md. and SW course Atlantic City (VHF) (via E course Balti- more)	1,500



## RULES AND REGULATIONS

From—	To—	Min. alt.
Herndon (FM), Va.	Beltsville (FM), Md.	1,700
Highland (Int), Mich.	Windsor, Ont.	2,300
Houlton, Maine	Presque Isle, Maine (via Spragueville, Maine)	2,700
Indianapolis, Ind.	Evansville, Ind.	2,000
Jackson (MH), Mich.	Detroit, Mich.	2,300
Joliet, Ill.	Peoria, Ill.	2,000
Kansas City, Mo.	Columbia, Mo.	2,100
Do	Des Moines, Iowa	2,500
Little Rock, Ark.	St. Louis, Mo.	3,000
Martinsburg, W. Va.	Int W course Martinsburg and SW course Altoona, Pa.	4,000
Mason City, Iowa	Minneapolis, Minn.	2,500
Do	Rochester, Minn.	2,500
Massena (VHF), N. Y.	Int N course Massena (VHF) and U. S.-Canadian border	2,000
Meekins Neck (Int), Md.	Int SE course Washington, D. C. and SW course Salisbury (VHF), Md. (via SE course Washington, D. C.)	1,500
Millville, N. J.	Atlantic City, N. J.	1,300
Milwaukee, Wis.	South Bend, Ind.	2,500
Momence (Int), Ill.	Int N course Terre Haute, Ind. and SW course La Fayette, Ind.	2,000
Morgantown, W. Va.	Charleston, W. Va.	3,000
Muskegon, Mich.	Benton Harbor (Int), Mich.	1,800
New Bedford, Mass.	Hyannis, Mass.	1,400
New York, N. Y.	Boston, Mass.	2,000
Do	Poughkeepsie, N. Y.	2,800
Norfolk, Va.	Philadelphia, Pa.	1,500
North Philadelphia, Pa.	Int SE course Philadelphia and NE course Millville, N. J.	1,500
Omaha, Nebr.	Minneapolis, Minn.	2,500
Ottumwa, Iowa	Des Moines, Iowa	2,500
Phillipsburg, Pa.	Bradford, Pa.	4,000
Pittsburgh, Pa.	Charleston, W. Va.	3,000
Providence, R. I.	New Bedford, Mass.	1,400
Quincy, Ill.	Peoria, Ill.	1,900
Do	St. Louis, Mo.	2,000
Reading (Int), Pa.	Ashland (Int), Pa.	4,000
Riverdale (Int), Md.	Lisbon (Int), Md.	2,000
Roanoke, Va.	Elkins, W. Va.	7,000
Saginaw, Mich.	Flint, Mich.	2,000
St. Louis, Mo.	Ottumwa, Iowa	2,500
St. Peters (FM), Mo.	Jerseyville (FM), Ill.	2,000
Salisbury (VHF), Md.	Int S course Baltimore and NW course Salisbury (VHF), via NW course Salisbury (VHF)	1,500
Sault Ste. Marie, Mich.	Traverse City, Mich.	2,500
Sioux City, Iowa	Minneapolis, Minn.	3,000
South Bend, Ind.	Goshen, Ind.	2,300
Springfield, Mo.	Kansas City, Mo.	2,500
Topeka, Kans.	Hutchinson, Kans.	2,000
Topsfield (Int), Maine	Houlton, Maine	2,300
Traverse City, Mich.	Grand Rapids, Mich.	3,000
Do	Saginaw, Mich.	2,500
Watertown (VHF), N. Y.	Int 14° mag bearing from Watertown and U. S.-Canadian border	2,000
Youngstown, Ohio	Bradford, Pa.	4,000
Zanesville, Ohio	Charleston, W. Va.	2,200

**§ 60.17-1002 Southeast United States**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Albany, Ga.	Atlanta, Ga.	2,200
Do	Columbus, Ga.	1,600
Alma, Ga.	Albany, Ga.	1,600
Atlanta, Ga.	Columbus, Ga.	2,500
Do	Atlanta NAS, Ga.	3,000
Atlanta NAS, Ga.	Knoxville, Tenn.	7,000
Atlanta, Ga.	Rome, Ga.	3,100
Augusta, Ga.	Atlanta, Ga.	2,800
Do	Spartanburg, S. C.	2,000
Baton Rouge, La.	Lake Charles, La.	1,500
Birmingham, Ala.	Muscle Shoals, Ala.	2,500
Do	Memphis, Tenn.	2,500
Do	Jackson, Miss. (west-bound)	2,000
Jackson, Miss.	Birmingham, Ala. (east-bound)	2,500
Blackstone, Va.	Washington, D. C.	1,500
Charleston, S. C.	Lumberton, N. C.	1,300
Do	Norfolk, Va.	1,400
Charleston, W. Va.	Columbus, Ohio	2,200
Charlotte, N. C.	Winston-Salem, N. C.	2,800
Do	Greensboro, N. C.	2,800
Do	Sprout Springs (Int), N. C.	2,200
Sprout Springs (Int), N. C.	Wilmington, N. C.	1,500
Charlotte, N. C.	Hickory (VHF), N. C.	3,500

From—	To—	Min. alt.
Chattanooga, Tenn.	Louisville, Ky.	4,500
Do	Harvest, Ala.	4,000
Harvest, Ala.	Muscle Shoals, Ala.	2,500
Chattanooga, Tenn.	Birmingham, Ala.	4,000
Columbia, S. C.	Greensboro, N. C.	2,500
Do	Charlotte, N. C.	2,500
Do	Atlanta, Ga.	2,800
Do	Bold Springs (Int), Ga.	2,000
Do	Greenville, S. C.	2,400
Columbus, Ga.	Montgomery, Ala.	1,600
Do	Atlanta, Ga.	2,900
Cross City, Fla.	Albany, Ga.	1,500
Dallas, Tex.	Houston, Tex.	1,900
Do	Tulsa, Okla.	2,200
Dothan, Ala.	Columbus, Ga.	1,600
Dyersburg, Tenn.	Paducah, Ky.	1,500
Greensboro, N. C.	Roanoke, Va.	6,000
Do	Lynchburg, Va.	3,300
Greenville, Miss.	Greenwood, Miss.	1,800
Greenville, S. C.	Augusta, Ga.	2,400
Hendersonville (Int), N. C.	Morrisville (Int), Tenn.	8,000
Hickory (VHF), N. C.	Chilhowie (FM), Va.	7,000
Houston, Tex.	Yoakum, Tex.	1,500
Huntington, W. Va.	Lexington, Ky.	2,500
Jacksonville, Fla.	Charleston, S. C.	1,300
Do	Valdosta (MH), Ga.	1,200
Joaquin (VHF), Tex.	Tyler, Tex.	1,700
Int. NW course Alexandria, La. and SE course Joaquin (VHF)	Joaquin (VHF) Tex.	1,500
Joplin, Mo.	Tulsa, Okla.	2,500
Key West, Fla.	Miami, Fla.	1,400
Do	Tampa, Fla.	1,800
Knoxville, Tenn.	Chattanooga, Tenn.	4,500
Lexington, Ky.	Knoxville, Tenn.	5,600
Little Rock, Ark.	Walnut Ridge, Ark.	1,700
Do	St. Louis, Mo.	3,000
Louisville, Ky.	Smithville, Tenn.	2,400
Lynchburg, Va.	Richmond, Va.	3,000
Melbourne, Fla.	Charleston, S. C.	1,400
Memphis, Tenn.	Springfield, Mo.	2,800
Memphis, Tenn.	Dyersburg, Tenn.	2,000
Do	Int of a direct line between Memphis and Little Rock and N course Stuttgart.	1,800
Int of a direct line between Memphis and Little Rock and N course Stuttgart.	Little Rock, Ark.	1,500
Miami, Fla.	Tampa, Fla.	1,400
Monroe, La.	Alexandria, La.	1,500
Montgomery, Ala.	Birmingham, Ala.	2,700
Do	Meridian, Miss.	1,800
Nashville, Tenn.	Bowling Green, Ky.	2,000
New Orleans, La.	Meridian, Miss.	1,600
Norfolk, Va.	Washington, D. C.	1,500
Do	Raleigh, N. C.	1,500
Orlando, Fla.	Jacksonville, Fla.	1,500
Paris, Tenn.	Nashville, Tenn.	2,500
Pine Bluff, (VHF), Ark.	Int SW course Pine Bluff (VHF) and NE course El Dorado (VHF), Ark.	1,500
Int SW course Pine Bluff (VHF) and NE course El Dorado (VHF)	El Dorado (VHF), Ark.	1,500
Raleigh, N. C.	Blackstone, Va.	1,700
Do	Charlotte, N. C.	2,100
Richmond, Va.	Rocky Mount, N. C.	1,500
Roanoke, Va.	Elkins, W. Va.	7,000
Do	Charleston, W. Va.	6,000
Rocky Mount, N. C.	Raleigh, N. C.	1,500
Rome, Ga.	Chattanooga, Tenn.	3,000
Savannah, Ga.	Columbia, S. C.	1,500
Do	Augusta, Ga.	1,600
Do	Macon, Ga.	1,500
Shreveport, La.	Prescott (Int), Ark.	1,700
Do	El Dorado (VHF), Ark.	1,500
Smithville, Tenn.	Chattanooga, Tenn.	4,500
Spartanburg, S. C.	do	7,500
Do	Hendersonville (Int), N. C.	6,300
Tallahassee, Fla.	Albany, Ga.	1,400
Tampa, Fla.	New Orleans, La.	1,600
Do	Jacksonville, Fla.	1,300
Texarkana, Ark.	Shreveport, La.	1,700
Tyler, Tex.	Houston, Tex.	1,600
Do	Dallas, Tex.	2,000
Valdosta (MH), Ga.	Tallahassee, Fla.	1,400
Walnut Ridge, Ark.	Kenneth (Int), Ark.	2,500
Do	Greenville (Int), Mo.	1,500
West Palm Beach, Fla.	Tampa, Fla.	1,400
Winston-Salem, N. C.	Tri-City, Tenn.	7,500

**§ 60.17-1003 Southwest United States**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Alice, Tex.	Austin, Tex.	3,000
Amarillo, Tex.	Roswell, N. Mex.	5,500

From—	To—	Min. alt.
Austin, Tex.	San Angelo, Tex.	3,500
Bakersfield, Calif.	Daggett, Calif.	10,000
Do	Palmdale, Calif.	10,000
Blythe, Calif.	Gila Bend, Ariz.	7,000
Do	Tucson, Ariz.	7,000
Boulder City, Nev.	Winslow, Ariz.	14,500
Brownsville, Tex.	Moore (Int), Tex.	1,500
Carlsbad, N. Mex.	Orla (Int), Tex.	5,000
Do	Roswell, N. Mex.	5,000
Columbus, N. Mex.	Clint, Tex.	8,500
Daggett, Calif.	Phoenix, Ariz.	8,000
El Centro, Calif.	do	6,000
Gage, Okla.	Garden City, Kans.	4,000
Gila Bend, Ariz.	Phoenix, Ariz.	6,500
Harrington Ranch (FM), Tex.	Clint, Tex.	8,500
Hobbs, N. Mex.	Carlsbad, N. Mex.	5,000
Do	Midland, Tex.	5,000
Do	Roswell, N. Mex.	6,000
Do	Wink, Tex.	5,000
Houston, Tex.	Yoakum, Tex.	1,500
Hudspeth, Tex.	Salt Flat, Tex.	7,000
Hutchinson, Kans.	Salina, Kans.	2,800
Palm Springs (Int), Calif.	Needles, Calif. (NE-bound)	8,000
Needles, Calif.	Palm Springs (Int), Calif. (SW-bound)	13,000
Palm Springs (Int), Calif.	Prescott, Ariz.	10,000
Lebec (FM), Calif.	Hollister (Int), Calif. (north-bound)	8,000
Hollister (Int), Calif.	Lebec (FM) Calif. (south-bound)	10,000
Lubbock, Tex.	Abilene, Tex.	4,500
Do	Hobbs, N. Mex.	5,000
Do	Tucumcari, N. Mex.	6,500
Mirage (Int), Calif.	Summit (Int), Calif.	12,000
Moore (Int), Tex.	Laredo, Tex.	1,800
Needles, Calif.	Riverside, Calif.	14,000
Newalla (FM), Okla.	Washington (FM), Okla.	2,500
Newhall, Calif.	Point Mugu (Int), Calif. (SW-bound)	6,000
Point Mugu (Int), Calif.	Newhall, Calif. (NE-bound)	9,000
Oakland, Calif.	Modesto, Calif.	5,000
Phoenix, Ariz.	Safford, Ariz.	12,500
Ponca City, Okla.	Oklahoma City, Okla.	3,100
Prescott, Ariz.	Riverside, Calif.	14,000
Roswell, N. Mex.	Albuquerque, N. Mex.	10,000
Do	El Paso, Tex.	10,000
Do	Lubbock, Tex.	6,000
Salt Flat, Tex.	Carlsbad, N. Mex.	11,800
San Francisco, Calif.	Half Moon Bay (Int), Calif.	4,000
Silver Lake, Calif.	Granite (Int), Calif.	9,000
Granite (Int), Calif.	Int of a direct line between Granite (Int) and Phoenix and S course Needles	9,000
Int of a direct line between Granite (Int) and Phoenix and S course Needles	Phoenix, Ariz.	7,000
Thurman (VHF), Colo.	Akron, Colo.	6,600
Tucson, Ariz.	Douglas, Ariz.	10,000
Wichita, Kans.	Ponca City, Okla.	2,500
Yoakum, Tex.	San Antonio, Tex.	2,200
Yuma, Ariz.	Tucson, Ariz.	8,000

**§ 60.17-1004 Northwest United States**  
(CAA rules which apply to § 60.17-3).

From—	To—	Min. alt.
Klamath Falls, Oreg.	Ashland (Int), Oreg.	10,000

(Sec. 205 (a), 52 Stat. 984, as amended by Reorg. Plans III and IV of 1940, 3 CFR, Cum. Supp., 5 F. R. 2107, 2421; 49 U. S. C. 425 (a). Interpret or apply sec. 601, 52 Stat. 1007, as amended, 62 Stat. 1217; 49 U. S. C. 551)

These rules shall become effective upon publication in the FEDERAL REGISTER.

[SEAL]

E. M. STURHAHN,  
Acting Administrator  
of Civil Aeronautics.

[F. R. Doc. 49-8491; Filed, Oct. 20, 1949; 9:02 a. m.]



## Chapter II—Civil Aeronautics Administration

### PART 610—IFR ALTITUDE MINIMUMS

#### REVOCATION OF PART

Part 610 of this chapter is hereby revoked. It is superseded by rules published herewith in §§ 60.17-1 through 60.17-1004 of this title, *supra*.

(Sec. 205 (a), 52 Stat. 984, as amended by Reorg. Plans III and IV of 1940, 3 CFR, Cum. Supp., 5 F. R. 2107, 2421; 49 U. S. C. 425 (a). Interpreted or applied sec. 601, 52 Stat. 1007, as amended by 62 Stat. 1217; 49 U. S. C. 551)

[SEAL] E. M. STURHAHN,  
Acting Administrator  
of Civil Aeronautics.

[F. R. Doc. 49-8490; Filed, Oct. 20, 1949;  
9:02 a. m.]

## TITLE 15—COMMERCE AND FOREIGN TRADE

### Chapter III—Bureau of Foreign and Domestic Commerce, Department of Commerce

Subchapter C—Office of International Trade  
[4th Gen. Rev. of Export Regs., Amdt. 52]

#### PART 371—GENERAL LICENSES

##### EXCEPTED COMMODITY LIST

Section 371.9 *General in-transit license GIT* is amended in the following particulars:

Paragraph (c) *Excepted commodity list* is amended to read as follows:

(c) *Excepted commodity list.* The following commodities may not be exported to any destination under this general license:

Commodity	Schedule B No.	Schedule S No. <sup>1</sup>
Jute <sup>2</sup> .....	320509	330
Jute yarn, cordage and twine <sup>2</sup> .....	321100	335
New jute and burlap bags or sacks quantity only <sup>2</sup> .....	322402	335
New jute and burlap bags or sacks <sup>2</sup> .....	322403	335
Used jute bags weighing less than 2 pounds and used burlap bags of any weight—quantity only <sup>2</sup> .....	322407	335
Used jute bags weighing less than 2 pounds and used burlap bags of any weight <sup>2</sup> .....	322408	335
Jute burlaps, except when used as a covering for other merchandise or as a component part of other products <sup>2</sup> .....	322905	335
Artificial graphite.....	548068	555
Diamond dust or powder.....	540910	555
Diamonds suitable only for industrial use.....	599005	555
Beryllium ores and concentrates.....	664505	680
Ores and concentrates, n. e. s.:.....		
Tantalum.....	664560	680
Zirconium (including sand).....	664565	680
Cerium rare earth.....	664568	680
Europium rare earth.....	664568	680
Gadolinium rare earth.....	664568	680

<sup>1</sup> The Department of Commerce Schedule S number is shown for each commodity. All shipments of merchandise for which the shipper's export declaration for in-transit goods is required must be reported in terms of Schedule S, as well as Schedule B.

<sup>2</sup> License applications covering shipments of these jute products moving in transit through the United States to a foreign destination must be accompanied by documentary proof that such shipments are in fact in-transit shipments, and that the shipments have been charged to jute quota of the country of destination and not to that of the United States. Such proof may consist of (1) a photostatic copy of the consular invoice of the country of destination or (2) a copy of the bill of lading from the shipper or any other official document showing the country of destination.

Commodity	Schedule B No.	Schedule S No. <sup>1</sup>	Commodity	Schedule B No.	Schedule S No. <sup>1</sup>
Ores and concentrates, n. e. s.—Con.			Deuterium and deuterium compounds, including heavy water.....	839900	830
Lanthanum rare earth.....	664568	680	Fluorocarbons (completely fluorinated materials).....	839900	830
Praseodymium rare earth.....	664568	680	Gallium salts and compounds.....	839900	830
Samarium rare earth.....	664568	680	Polonium-bearing salts and compounds.....	839900	830
Metals and alloys in primary forms, n. e. s. (except ferro-alloys):.....			Radium ore concentrates.....	839900	830
Beryllium metal, alloys and scrap (include wire and sheets).....	664905	680	Radium salts and compounds (state radium content).....	839900	830
Bismuth metals and alloys.....	664910	680	Zirconium oxides in all forms.....	839900	830
Cadmium metals (metallic shapes included).....	664915	680	Zirconium silicate.....	839900	830
Cadmium alloys.....	664917	680	Paints containing radium.....	843800	840
Cerium metal (including misch metal in primary form except in fabricated lighter flints and abrasives).....	664918	680	Betadrons, including major components.....	919098	900
Radium metal, radium content.....	664950	680	Spectrometers, optical 1.....	919098	900
Tantalum metal and alloys.....	664950	680	Spectrophotometers.....	919098	900
Zirconium metals and alloys.....	664955	680	Synchrotrons, including major components.....	919098	900
Gallium metal.....	664998	680	Vacuum gauges (ionization types).....	919098	900
Hafnium metal.....	664998	680			
Indium metal.....	664998	680			
Lanthanum metal.....	664998	680			
Polonium metal.....	664998	680			
Beryllium metal manufactures and beryllium alloy manufactures, including, but not limited to, castings, tubes, crucibles, disks.....	669198	680			
X-ray windows containing beryllium.....	707555	700			
Mechanical (dry) vacuum pumps with a theoretical displacement, at normal operating speeds, of 20 cubic feet per minute or more, and capable of producing a vacuum of 1 millimeter of mercury pressure absolute.....	770810	745			
Diffusion vacuum pumps, 5 inches in diameter and larger (diameter measure 1 inside the barrel at the inlet jet).....	770870	745			
Jet ejectors, steam, 4 stages and over, accessories, and parts.....	770880	745			
Electrolytic cells (commonly called fluorine cells).....	775050	745			
Chemicals containing artificial radioactive isotopes.....	813593	810			
Radium salts and compounds for medicinal use (state radium content).....	813593	810			
Radon (radium emanations).....	813593	810			
Anhydrous hydrofluoric acid.....	830980	830			
Freons.....	839100	830			
Fluorine.....	839500	830			
Genetrons.....	839500	830			
Actinium-bearing salts and compounds.....	839900	830			
Beryllium salts and compounds, including, but not limited to, beryllium oxide, beryllium nitrate, beryllium sulfate, and beryllium carbonate.....	839900	830			
Chemicals containing artificial radioactive isotopes.....	839900	830			

This amendment shall become effective October 7, 1949.

(63 Stat. 7; E. O. 9630, Sept. 27, 1945, 10 F. R. 12245; E. O. 9919, Jan. 3, 1948, 13 F. R. 59)

Dated: September 28, 1949.

LORING K. MACY,  
Assistant Director,  
Office of International Trade.

[F. R. Doc. 49-8463; Filed, Oct. 20, 1949;  
8:50 a. m.]

[4th Gen. Rev. of Export Regs., Amdt. P. L. 17]

### PART 399—POSITIVE LIST OF COMMODITIES AND RELATED MATTERS

#### MISCELLANEOUS AMENDMENTS

Section 399.1 *Appendix A—Positive List of Commodities* is amended in the following particulars:

1. The following commodity is added to the Positive List:

Dept. of Commerce Schedule B No.	Commodity	Unit	Processing code and related commodity group	GLV dollar value limits	Validated license required
548008	Other nonmetallic minerals (precious included): Carbon or graphite products: Artificial graphite scrap.....		NONF	None	RO

2. The dollar value limits in the column headed "GLV Dollar Value Limits" set forth opposite each of the commodities listed below are amended to read as follows:

Dept. of Commerce Schedule B No.	Commodity	GLV dollar value limits
547300	Artificial graphite electrodes of 2 inches cross sectional dimension and over.....	None
617890	Tools (iron and steel chief value):.....	100
617895	Dial indicators.....	100
704800	Micrometers, gauges, and parts.....	100
707615	Motors, starters, and controllers:	
707720	Other starting and controlling equipment, and parts, for industrial motors.....	None
713500	Radio apparatus:	
713500	Radio transmitting sets and transmitting-receiving sets except aircraft.....	100
720200	Radio receiving sets, communications type; and hydrophones.....	100
723100	Steam engines, boilers, and accessories:	
	Condensers delivering liquids or gases at 300 lbs. per square inch or more.....	100
	Feed-water heaters, for boilers of 3,000 sq. ft. heating surface or over.....	100
	Parts, accessories, and attachments for power cranes, shovels, trenchers, ditchers, loaders, and excavators.....	100
	Construction equipment and parts, n. e. s.:.....	
	Batcher outfits; concrete block machines, high-speed; contractors' off-the-road trucks; contractors' off-the-road wagons and trailers; pile drivers and pile hammers; and vertical lift bucket loaders, self-propelled, rubber-tired.....	100
729100	Others conveying equipment, and parts:	
	Conveyors for coal-mining operations; all electric vibrating conveyors, and parts; parts for cranes with swinging booms, and parts for overhead electric traveling cranes.....	100
733990	Parts for mining and quarrying machinery.....	100
734240	Other parts for mining and quarrying machinery.....	100
734270	Petroleum field and refining equipment, and parts:	
734300	Other oil-well drilling equipment, tools, and parts.....	100
	Oil and gas production equipment, and parts.....	100
	Petroleum refinery machinery, equipment, components, and parts.....	100



Dept. of Commerce Schedule B. No.	Commodity	GLV dollar value limits
917500	Analytical balances; micro balances, 1/1000th milligram or under; and electronic balances. Scientific instruments and laboratory apparatus, and parts, n. e. s., including laboratory-grade deflection or value: scale deflection or value: Centrifuges, electric, stainless steel, solid-bowl type. Laboratory furnaces. Meteorological instruments, n. e. s. Mineral exploration equipment, including prospecting apparatus. (Report oil and gas exploration equipment in 734210) Optical pyrometers. pH meters, indicating types. Colorimeters. Precision resistance, impedance, capacitance, or inductance bridges and combinations of such, laboratory standards. Vacuum measuring gauges, for laboratory use. Viscosimeters.	200 200 200 100 100 100 100 200 200 200 200

3. The following entry on the Positive List is amended by changing the commodity description thereof, and by changing the commodity from an R to an RO commodity, as follows:<sup>1</sup>

Dept. of Commerce Schedule B. No.	Commodity	Unit	Processing code and related commodity group	GLV dollar value limits	Validated license required
548008	Graphite electrodes, except for furnace or electrolytic work, 4-inch diameter and over, or 3 x 3 inches square.		NONF 35	None	R
548008	Artificial graphite electrodes except for furnace or electrolytic work, of 2 inches cross-sectional dimension and over. (Report artificial graphite electrodes for furnace or electrolytic work in 547300.)		NONF 35	None	RO

This amendment shall become effective October 7, 1949.

(63 Stat. 7; E. O. 9630, September 27, 1945, 10 F. R. 12245, E. O. 9919, January 3, 1948, 13 F. R. 59)

Dated: October 5, 1949.

LORING K. MACY,  
Assistant Director.

Office of International Trade.

[F. R. Doc. 49-8464; Filed, Oct. 20, 1949; 8:50 a. m.]

## TITLE 24—HOUSING AND HOUSING CREDIT

### Chapter VIII—Office of Housing Expediter

PART 825—RENT REGULATIONS UNDER THE  
HOUSING AND RENT ACT OF 1947, AS  
AMENDED

WEST VIRGINIA

Correction to the Controlled Housing  
Rent Regulation and the Rent Regula-

tion for Controlled Rooms in Rooming Houses and Other Establishments.

Item 10 of Amendment 178 to the Controlled Housing Rent Regulation (§§ 825.1 to 825.12)<sup>2</sup> and of Amendment 176 to the Rent Regulation for Controlled Rooms in Rooming Houses and Other Establishments (§§ 825.81 to 825.92)<sup>3</sup>, issued October 11, 1949, and effective October 12, 1949, is corrected to read as follows:

10. Schedule A, Item 357a, is amended to describe the counties in the Defense Rental Area as follows:

In Wood County, the Magisterial Districts of Parkersburg, Lubeck and Tygart, and that part of the City of Vienna which lies in the Williams Magisterial District.

In Washington County, the Townships of Belpre, Marietta and Muskingum.

This decontrols all of Wood County, West Virginia, except the Magisterial Districts of Parkersburg, Lubeck and

<sup>1</sup> The first entry is the entry as it has been previously published and the second entry represents the change made by this amendment.

<sup>2</sup> 14 F. R. 6254.

Dept. of Commerce Schedule B. No.	Commodity	GLV dollar value limits
735500	Pumping equipment: Centrifugal pumps, fabricated of or lined with the following corrosion-resistant materials: acid-resistant steels; alloys containing over 50 percent nickel; nickel plate; and glass. Acid syphons; brine pumps; compression pumps; sand pumps; sludge pumps; and slush pumps.	50
736910	Parts for the following types of pumps: Centrifugal pumps; rotary pumps; deep well turbine pumps; reciprocating steam pumps; other reciprocating power pumps; and slush syphons; brine pumps; compression pumps; sand pumps; sludge pumps; and slush pumps.	100
736990	Power-driven metalworking machine tools (nonportable), and parts:	100
740205	Vertical turret lathes.	2,500
740209	Ram and saddle type turret lathes.	2,500
740700	Milling machines, automatic knee type.	500
740800	Other milling machines:	500
740800	Propeller profiling machines (cutting and grinder).	500
740800	Thread milling machines, external, 6-inch work diameter and over, including universal thread milling machines.	500
740800	Spar milling machines.	500
740800	Bed-type milling machines.	500
740800	Diesinking machines.	500
740800	Combination miller and planer, with double housing and open side, 48 inches and over.	500
740800	Profiling and duplicating machines, except propeller.	500
740800	Radial drilling machines, plain and traversing type, 13-inch column or over.	500
742100	Other drilling machines:	1,000
742300	Rifling machines: gun reaming and drilling machines; other deep-hole drills and drilling machines; automatic multiple spindle drilling machines (consisting of a cluster of spindles driven from one power unit); and armor plate drilling machines, except radial.	None
742300	Drilling machines, unit head and way type, or vertical inverted spindle type.	250
743500	Surface grinding machines, vertical multiple spindle type, or full automatic.	250
775022	Furnaces, industrial type, except electric, for laboratory use.	None
775025	For laboratory use.	100
775025	Rotary kilns, and parts.	100
775025	Vacuum tube manufacturing machinery.	100
775030	Optical tube generators, polishing machines, lens grinders, and other optical equipment, for production of precision optical instruments.	100
775030	Chemical and pharmaceutical machinery, and parts:	100
775030	Equipment for the production or refining of hydrocarbons other than petroleum by processes involving alkylation, thermal or catalytic cracking, isomerization, and hydrogenation.	100
775030	Ammonia oxidation equipment.	100
775030	Methanol oxidation equipment.	100
775030	Acid concentrating equipment.	100
775030	Hydrogen-producing equipment (water, gas, electrolytic, gas cracking, or gas extraction processes).	100
775030	Equipment for the production of penicillin and streptomycin, including complete plants.	100
775030	Hydrogenation equipment designed to operate under pressure of over 50 pounds per square inch.	100
775030	Gas (including air) liquefying equipment and equipment for handling liquefied gases.	100
775030	Autoclaves and digesters for operation at pressures over 100 pounds per square inch.	100
775030	Nitrators.	100
775030	High-pressure chemical processing equipment operating at pressures over 500 pounds per square inch.	100
775030	Compressors, including pumps or condensers, delivering liquids or gases at 300 pounds per square inch or over.	100
775030	Multiple-effect evaporators.	100
775030	Fractionating columns operating at gauge pressures of less than 30 pounds per square inch or vacuums less than 50 mm. mercury absolute.	100
775030	Vacuum stills.	100
775030	All-copper and all-alloy reaction kettles; other reaction kettles of over 250 gallons capacity and with shell plates thicker than 3/8 inch.	100
775030	Solvent recovery machinery.	100
775030	Sulfur and pyrites burners.	100
775030	Acid-resistant tanks, kettles, piping, and fixtures made of alloy steel.	100
775030	Distillation equipment made of copper and designed for gauge pressures of less than 50 pounds per square inch or vacuums less than 50 mm. of mercury absolute.	100
775030	Electromagnetic separators, for ceramic industry.	100
775070	Industrial machinery and parts, n. e. s.	100
775098	Acid-resistant tanks, kettles, piping, and fixtures, made of alloy steel.	100
775098	Distillation equipment made of copper and designed for gauge pressures of less than 50 pounds per square inch or vacuums less than 50 mm. of mercury absolute.	100
775098	Electroplating equipment, and parts.	100
775098	Gas compressors, delivering liquids or gases at 300 pounds per square inch or over.	100
775098	Oxygen plants, high-tonnage.	100
775098	Pressure vessels, and vacuum vessels.	100
914950	Metallurgical microscopes and parts; electron microscopes, and parts.	1,000
915000	Diamond disk points and other dental instruments containing diamonds.	1,000



Tygart, and that part of the city of Vienna which lies in the Williams Magisterial District, portions of the Parkersburg, West Virginia, Defense-Rental Area.

(Sec. 204 (d), 61 Stat. 197, as amended by 62 Stat. 37, 94, Pub. Law 31, 81st Cong.; 50 U. S. C. App. 1894 (d))

This correction shall be effective as of October 12, 1949.

Issued this 18th day of October 1949.

TIGHE E. WOODS,  
*Housing Expediter.*

[F. R. Doc. 49-8465; Filed, Oct. 20, 1949;  
8:45 a. m.]

[Controlled Housing Rent Reg., Amdt. 180]

[Controlled Rooms in Rooming Houses and Other Establishments Rent Reg., Amdt. 178]

**PART 825—RENT REGULATIONS UNDER THE HOUSING AND RENT ACT OF 1947, AS AMENDED**

**NEBRASKA**

The Controlled Housing Rent Regulation (§§ 825.1 to 825.12) and the Rent Regulation for Controlled Rooms in Rooming Houses and Other Establishments (§§ 825.81 to 825.92) are amended in the following respect:

In Schedule A, all of Item 181 which relates to Dodge, Douglas, and Sarpy Counties, Nebraska, is deleted; and Items 176 through 180c, and 181a through 182, are amended to read as follows:

(176)-(180c) [Revoked and decontrolled.]  
(181a)-(182) [Revoked and decontrolled.]

This decontrols all Defense-Rental Areas and portions thereof located in the State of Nebraska, in accordance with the provisions of section 204 (j) (2) of the Housing and Rent Act of 1947, as amended.

(Sec. 204 (d), 61 Stat. 197, as amended by 62 Stat. 37, 94, Pub. Law 31, 81st Cong.; 50 U. S. C. App. 1894 (d))

This amendment shall become effective November 2, 1949.

Issued this 18th day of October 1949.

TIGHE E. WOODS,  
*Housing Expediter.*

[F. R. Doc. 49-8466; Filed, Oct. 20, 1949;  
8:46 a. m.]

**TITLE 27—INTOXICATING LIQUORS**

**Chapter I—Bureau of Internal Revenue, Department of the Treasury**

[T. D. 5755]

**PART 7—LABELING AND ADVERTISING OF MALT BEVERAGES**

**BOTTLING OF MALT BEVERAGES ON BREWERY PREMISES**

In view of the amendment of section 3157 (a) of the Internal Revenue Code by Public Law 261, approved August 23, 1949, providing for the bottling of malt beverages on brewery premises before

No. 204—3

the tax thereon is paid section 22 of Regulations No. 7 Relating to the Labeling and Advertising of Malt Beverages (27 CFR 7.22) is amended as follows:

1. Paragraph "(a)" is amended by striking out subparagraph "(4)" thereof and by renumbering subparagraph "(5)" as "(4)". Labels or containers bearing the data heretofore prescribed by subparagraph "(4)" may be used until March 1, 1950, the effective date of the amendment of section 3157 (a) of the Internal Revenue Code.

2. It is found that compliance with the notice and public rule-making procedure of section 5 of the Federal Alcohol Administration Act (27 U. S. C., 205) and of the Administrative Procedure Act (5 U. S. C., 1001, et seq.) is unnecessary in connection with the issuance of this amendment, since the change is required to conform the regulations to changes in the applicable law.

3. This regulation shall be effective on the date of its publication in the FEDERAL REGISTER.

(53 Stat. 375, as amended; 26 U. S. C. 3176)

[SEAL] W. H. KENNEDY,  
*Acting Deputy,  
Commissioner of Internal Revenue.*

Approved: October 17, 1949.

DANIEL A. BOLICH  
*Acting Commissioner  
of Internal Revenue.*

THOMAS J. LYNCH,  
*Acting Secretary of the Treasury.*

[F. R. Doc. 49-8484; Filed, Oct. 20, 1949;  
9:00 a. m.]

**TITLE 33—NAVIGATION AND NAVIGABLE WATERS**

**Chapter II—Corps of Engineers, Department of the Army**

**PART 202—ANCHORAGE REGULATIONS**

**PART 207—NAVIGATION REGULATIONS**

**MISCELLANEOUS AMENDMENTS**

1. Pursuant to the provisions of the act of April 22, 1940 (54 Stat. 150; 33 U. S. C. 180, 258, and 319), and section 7 of the River and Harbor Act of March 4, 1915 (38 Stat. 1053; 33 U. S. C. 471), §§ 202.163 and 202.199 are hereby revoked, notes stating that bearings are referred to true meridian, now following §§ 202.130 (a) (1), 202.132 (a) (1), 202.134 (a) (1), 202.140 (a) (1), 202.145 (a) (1), 202.147 (a) (1), 202.155 (b) (1), 202.159 (a) (1), 202.183 (a) (1), 202.197 (a) (1), 202.210 (a) (3), 202.212 (a) (2), 202.214 (a) (1), 202.224 (a) (1), 202.228 (a) (4), 202.230 (a) (1), and 202.250 (a) (1), are hereby eliminated, the section pertaining to Huntington Harbor, Long Island, New York, is hereby redesignated 202.150, the section pertaining to Randall Bay, Freeport, Long Island, New York, is hereby redesignated 202.156, and § 202.1, the descriptions of special anchorage areas formerly contained in § 202.1 and now contained in §§ 202.5 to 202.125, inclusive, comprising Subpart A, the heading of § 202.140, and §§ 202.150 (a), 202.155, and 202.220 (a) are hereby amended, as follows:

§ 202.1 *General.* (a) The areas described in Subpart A of this part are designated as special anchorage areas pursuant to the authority contained in an act amending laws for preventing collisions of vessels approved April 22, 1940 (54 Stat. 150). Section 1 of the act amended Article 11 of the Navigation Rules for Harbors, Rivers, and Inland Waters Generally (33 U. S. C. 180), section 2 amended Rule 9 of the Navigation Rules for Great Lakes and Their Connecting and Tributary Waters (33 U. S. C. 258), and section 3 amended Rule 10 of the Navigation Rules for Red River of the North and Rivers Emptying into Gulf of Mexico and Tributaries (33 U. S. C. 319), vessels not more than 65 feet in length, when at anchor in any special anchorage area, shall not be required to carry or exhibit the white anchor lights required by the Navigation Rules.

(b) The anchorage grounds for vessels described in Subpart B of this part are established, and the rules and regulations in relation thereto adopted, pursuant to the authority contained in section 7 of the River and Harbor Act approved March 4, 1915 (38 Stat. 1053; 33 U. S. C. 471).

(c) All bearings in this part are referred to true meridian.

**SUBPART A—SPECIAL ANCHORAGE AREAS**

§ 202.5 *Casco Bay, Me.—(a) Beal's Cove, west side of Orr Island, Harpswell.* \* \* \*

(b) *Harpswell Harbor, east side of Harpswell Neck, Harpswell.* \* \* \*

(c) *Basin Cove, west side of Harpswell Neck, Harpswell.* \* \* \*

(d) *Mussel Cove and adjacent waters at Falmouth foreshore, Falmouth.* \* \* \*

§ 202.10 *Portsmouth Harbor, N. H., north of Newcastle Island.* \* \* \*

§ 202.15 *Newburyport Harbor, Mass.* \* \* \*

§ 202.20 *Parker River, Newbury, Mass., one and one-half miles above mouth.* \* \* \*

§ 202.25 *Beverly and Salem Harbors, Mass.—(a) Beverly Harbor, north of Salem Neck.* \* \* \*

(b) *Bass River.* \* \* \*

(c) *Salem Harbor.* \* \* \*

§ 202.30 *Boston Harbor, Mass., and adjacent waters—(a) Lynn Harbor.* \* \* \*

(b) *Vicinity of Pleasant Park Yacht Club, Winthrop.* \* \* \*

(c) *Mystic River, east side of Chelsea Bridge North.* \* \* \*

(d) *Mystic River, west side of Chelsea Bridge North.* \* \* \*

(e) *Vicinity of South Boston Yacht Club, South Boston.* \* \* \*

(f) *Dorchester Bay, in vicinity of Savin Hill Yacht Club.* \* \* \*

(g) *Dorchester Bay, in vicinity of Dorchester Yacht Club.* \* \* \*

(h) *Quincy Bay, in vicinity of Wollaston and Squantum Yacht Clubs.* \* \* \*

(i) *Quincy Bay, in vicinity of Merry-mount Yacht Club.* \* \* \*

(j) *Weymouth Fore River, in vicinity of Quincy Yacht Club.* \* \* \*

(k) *Weymouth Fore River, in vicinity of Wessagussett Yacht Club.* \* \* \*



(l) *Weymouth Back River, in vicinity of Eastern Neck.* \* \* \*

§ 202.35 *Plymouth Harbor, Mass.* \* \* \*

§ 202.40 *Silver Beach Harbor, North Falmouth, Mass.* \* \* \*

§ 202.45 *Onset Bay, Mass.* \* \* \*

§ 202.50 *Stonington Harbor, Conn.* \* \* \*

§ 202.55 *Connecticut River, Conn.—*  
(a) *Area No. 1, at Essex.* \* \* \*

(b) *Area No. 2, at Essex.* \* \* \*

(c) *Area No. 3, at Essex.* \* \* \*

(d) *Area No. 1, at Maromas.* \* \* \*

(e) *Area No. 2 at Maromas.* \* \* \*

§ 202.60 *Port of New York and vicinity—*(a) *Huntington Harbor.* All of the Huntington Harbor anchorage ground (described in § 202.150). \* \* \*

(b) *New Rochelle Harbor, west and south of Glen Island.* That portion of Long Island Sound Anchorage No. 1 (described in § 202.155). \* \* \*

(c) *New Rochelle Harbor, east of Glen Island.* That portion of Long Island Sound Anchorage No. 1 (described in § 202.155). \* \* \*

(d) *Eastchester Bay, west of City Island.* That portion of Long Island Sound Anchorage No. 1 (described in § 202.155). \* \* \*

(e) *Eastchester Bay, along west shore.* That portion of Long Island Sound Anchorage No. 1 (described in § 202.155). \* \* \*

(f) *Eastchester Bay Locust Point Harbor.* That portion of Long Island Sound Anchorage No. 2 (described in § 202.155). \* \* \*

(g) *Manhasset Bay, west area at Manorhaven.* That portion of Long Island Sound Anchorage No. 4 (described in § 202.155) westward of a line (longitude 73°42'53'') ranging 180° from the end of the Town of North Hempstead pier at Manorhaven; northwestward of a line ranging 233° from the intersection of the shore and the northerly line of Corchang Avenue (extended) on Tom Point toward Plum Point Shoal Buoy 3 (latitude 40°49'48.5'', longitude 73°43'25''); and northeastward of a line ranging 119° from the cupola on Plum Point toward the inshore end of the northerly side of the Purdy Boat Company pier at Port Washington; excluding therefrom the seaplane restricted area described in § 207.35.

(h) *Manhasset Bay, east area of Manorhaven.* That portion of Long Island Sound Anchorage No. 4 (described in § 202.155) bounded as follows: Beginning at the southerly tip of Tom Point; thence 270° to latitude 40°49'58'', longitude 73°42'41''; thence 234° to latitude 40°49'48.5'', longitude 73°42'58''; thence 90° to latitude 40°49'48.5'', longitude 73°42'22.5''; thence 20° to latitude 40°50'01.5'', longitude 73°42'16''; thence due north to the point of land at Manorhaven northeasterly of Tom Point; and thence southwesterly along the shore to the point of beginning.

(i) *Manhasset Bay, at Port Washington.* That portion of Long Island Sound Anchorage No. 4 (described in § 202.155) southward of latitude 40°49'44''; eastward of a line ranging 161° from the

offshore end of the Yacht Service Club, Inc., pier on the Copp Estate at Manorthe Whitney Dock at Plandome; and northward of latitude 40°49'06''.

(j) *Manhasset Bay, at Plandome.* That portion of Long Island Sound Anchorage No. 4 (described in § 202.155) southward of the line of the Whitney Dock at Plandome extended; eastward of a line ranging 06° from the tank at Tom Point toward the Manhasset-Lakeville Fire Department tank at Manhasset; and northward of Thompson's pier at Plandome extended.

(k) *Little Neck Bay.* That portion of Long Island Sound Anchorage No. 5 (described in § 202.155). \* \* \*

(l) *Flushing Bay, north area.* That portion of East River Anchorage No. 10 (described in § 202.155). \* \* \*

(m) *Flushing Bay, south area.* That portion of East River Anchorage No. 10 (described in § 202.155). \* \* \*

(n) *Bowery Bay.* All of that portion of East River Anchorage No. 10 (described in § 202.155) on the west side of Bowery Bay.

(o) *Hudson River, at Yonkers.* \* \* \*

(p) *Hudson River, at Hastings-on-Hudson.* \* \* \*

§ 202.65 *Indian River Bay, Del.* \* \* \*

§ 202.70 *Chesapeake and Delaware Canal, easterly of Courthouse Point, Md.* \* \* \*

§ 202.72 *Blackhole Creek, Md.* \* \* \*

§ 202.75 *Corpus Christi Bay, Tex.—*

(a) *North area.* Southward and westward of the north breakwater; northward of a line bearing \* \* \*

(b) *South area.* \* \* \*

§ 202.80 *Milwaukee Harbor, Wis.—*

(a) *North area.* \* \* \*

(b) *South area.* \* \* \*

§ 202.85 *Niagara River, Youngstown, N. Y.* \* \* \*

§ 202.90 *San Diego Harbor, Calif.—*

(a) *Area A-1.* \* \* \*

(b) *Area A-2.* \* \* \*

(c) *Area A-3.* \* \* \*

(d) *Area B.* \* \* \*

§ 202.95 *Newport Bay Harbor, Calif.—*

(a) *Area A-1.* \* \* \*

(b) *Area A-2.* \* \* \*

(c) *Area A-3.* \* \* \*

(d) *Area A-4.* \* \* \*

(e) *Area A-5 (Newport Harbor Yacht Club).* \* \* \*

(f) *Area A-6.* \* \* \*

(g) *Area A-7.* \* \* \*

(h) *Area A-8.* \* \* \*

(i) *Area A-9.* \* \* \*

(j) *Area A-10.* \* \* \*

(k) *Area A-11.* \* \* \*

(l) *Area A-12 (Balboa Yacht Club).* \* \* \*

(m) *Area A-13.* \* \* \*

(n) *Area B-1.* \* \* \*

(o) *Area B-2.* \* \* \*

§ 202.100 *Los Angeles and Long Beach Harbors, Calif.—*(a) *Area A-1.* \* \* \*

(b) *Area A-2.* \* \* \*

(c) *Area A-3.* \* \* \*

(d) *Area A-4.* \* \* \*

§ 202.105 *Avalon Bay, Santa Catalina Island, Calif.* \* \* \*

§ 202.110 *Santa Monica Harbor, Calif.* \* \* \*

§ 202.115 *Santa Barbara Harbor, Calif.* \* \* \*

§ 202.120 *San Luis Obispo Bay, Calif.* \* \* \*

§ 202.125 *Morro Bay Harbor, Calif.—*

(a) *Area A-1.* \* \* \*

(b) *Area A-2.* \* \* \*

#### SUBPART B—ANCHORAGE GROUNDS

§ 202.140 *Buzzards Bay, Nantucket Sound, and adjacent waters, Mass.* \* \* \*

NOTE: Section 202.140 was formerly 202.10.

§ 202.150 *Huntington Harbor, Long Island, N. Y.—*(a) *The anchorage ground.* \* \* \*

NOTE: All bearings in this section are referred to true meridian. (This note eliminated.)

NOTE: This anchorage ground is described as a special anchorage area in § 202.60. (This note is added.)

NOTE: This section was designated 202.20 at 14 F. R. 2413.

§ 202.155 *Port of New York—*(a) *Long Island Sound—*(1) *Anchorage No. 1.* \* \* \*

NOTE: Special anchorage areas in this anchorage are described in § 202.60.

(4) *Anchorage No. 2.* \* \* \*

NOTE: A special anchorage area in this anchorage is described in § 202.60.

(5) *Anchorage No. 3. Northeast.* \* \* \*

(6) *Anchorage No. 4. Manhasset Bay, excluding the seaplane restricted area described in § 207.35; and that portion of Long Island Sound northeast of a line ranging from Stepping Stones Light through Elm Point Buoy 2 to Elm Point; southeast of a line ranging from Stepping Stones Light to Gangway Rock Bell Buoy 27; and southwest of Anchorage No. 3.*

NOTE: Special anchorage areas in this anchorage are described in § 202.60.

(7) *Anchorage No. 5.* \* \* \*

NOTE: A special anchorage area in this anchorage is described in § 202.60.

(b) *East River.* \* \* \*

(5) *Anchorage No. 10. In Flushing Bay, southeast of a line ranging through Rikers Island Channel Lighted Bell Buoy 1A and tangent to the northwest corner of College Point; and on the west side of Bowery Bay, southward of a line ranging from the Aero Beacon on the Administration Building of LaGuardia Field to the easterly corner of the Consolidated Edison Company of New York, Inc., bulkhead on the north side of the entrance to Steinway Creek, southeastward of the east rack of Log Pond adjacent to Steinway Creek, northwestward of the New York City Sewage Disposal Plant pier near the foot of 42nd Street, Astoria, New York, and westward of a line ranging 09° from the northwest corner of the sewage plant pier to the tank on Rikers Island.*

NOTE: Special anchorage areas in this anchorage are described in § 202.60.



(n) *Regulations for explosives anchorages.* \* \* \*

(3) Vessels used in connection with loading or unloading explosives on vessels in anchorage areas, including tugs and stevedore boats, shall carry a written permit from the Captain of the Port. The Captain of the Port may, in his discretion, require every person having business on board vessels which are being loaded with explosives, other than members of the crew, to have a pass from the Captain of the Port in such form as he shall prescribe. Such permit or pass shall be shown whenever required by him or by his authorized agents.

(7) Every vessel loading, unloading, transporting, or containing explosives shall display by day a red flag at least 16 square feet in area at its masthead, or at least 10 feet above the upper deck if the vessel has no mast, and shall display by night a red light in the same position specified for the flag.

(8) When local regulations of any place require previous local authority for the transfer of explosives or fireworks between vessels or between a vessel and a wharf or other place ashore, the Captain of the Port will permit the removal from the anchorage of such vessel containing explosives to any place covered by such local regulations only when he is satisfied that the required local authority has been granted.

NOTE: Section 202.155 was formerly 202.25.

§ 202.156 *Randall Bay, Freeport, Long Island, N. Y.* \* \* \*

NOTE: This section, formerly 202.20, was redesignated 202.26 at 14 F. R. 2414.

§ 202.220 *Pacific Ocean at San Nicolas Island, Calif.; restricted anchorage areas—(a) The restricted areas—(1) East area.* All waters within a circle having a radius of one nautical mile centered at latitude 33°13'45", longitude 119°25'50" (the former position of San Nicolas Island East End Light), which point bears approximately 101° 420 yards, from San Nicolas Island East End Light.

NOTE: Section 202.220 was formerly 202.90.

2. Pursuant to the provisions of section 7 of the River and Harbor Act of August 8, 1917 (40 Stat. 266; 33 U. S. C. 1), §§ 207.640 (h) and 207.800 are hereby amended, and §§ 207.35, 207.128, 207.473, and 207.645 are hereby prescribed, as follows:

§ 207.35 *Manhasset Bay, N. Y.; seaplane restricted area—(a) The restricted area.* An area in Manhasset Bay between the shore at Manorhaven on the north and the southerly limit line of the special anchorage area in Manhasset Bay, west area at Manorhaven (described in § 202.60), on the south; its axis being a line bearing 166°50' true from latitude 40°50'17.337", longitude 73°43'03.877", which point is on the south side of Orchard Beach Boulevard at Manorhaven; and being 100 feet wide for a distance of 380 feet in a southerly direction from the south side of Orchard Beach Boulevard, and thence flaring to a width of 300 feet at the southerly limit line.

(b) *The regulations.* (1) Vessels shall not anchor or moor within the restricted area.

(2) All vessels traversing the area shall pass directly through without unnecessary delay, and shall give seaplanes the right-of-way at all times.

(3) The regulations in this section shall be enforced by the Captain of the Port of New York and such agencies as he may designate.

§ 207.128 *York River, Va.; naval mine service testing area—(a) The restricted area.* A square area having 300-foot sides, with its westerly corner coinciding with the easterly offshore corner of Pier 1, Naval Mine Depot, Yorktown, Virginia, approximately latitude 37°15'06", longitude 76°31'38", and its northwesterly side being an extension of the south-easterly side of the pier.

(b) *The regulations.* (1) All vessels other than naval craft are forbidden to enter the restricted area.

(2) This section shall be enforced by the Commanding Officer, United States Naval Mine Depot, Yorktown, Virginia, and such agencies as he may designate.

§ 207.473 *Waukegan Harbor, Ill.* (a) All vessels or other craft are forbidden to tie to or lie alongside of the United States harbor piers at Waukegan, Illinois, except when they are engaged on Government business, or are compelled to tie to or lie alongside of the piers by stress of weather or accident, or to prevent loss of life or property.

(b) All vessels or other craft are forbidden to lie at anchor in the basin or channel of Waukegan Harbor except for refuge from storms, or in any way to obstruct free navigation of the Harbor.

§ 207.640 *San Francisco Bay, San Pablo Bay, Carquinez Strait, Suisun Bay, San Joaquin River, and connecting waters, Calif.* \* \* \*

(h) *Pinole Shoal Channel, San Pablo Bay; use, administration, and navigation.* (1) \* \* \*. Vessels operated by either sail or power and tows drawing less than 20 feet are not permitted to use this channel or to cross it at any point between San Pablo Bay Lighted Buoy 5 and San Pablo Bay Lighted Bell Buoy 13.

§ 207.645 *Pacific Ocean and Arena Cove; U. S. Navy restricted areas in vicinity of Point Arena, Calif.—(a) The restricted areas.* (1) The waters of Arena Cove bounded by the northerly shore of Arena Cove and by a line beginning at the shoreward end of the Coast Guard Pier and Marine Ways; thence along the northerly side of the said ways to the northwest corner thereof; thence to points the following true bearings and distances from the outer end of the Arena Cove Fish Company pier: 265°, 700 yards; 241°, 1,200 yards; 244°, 1,500 yards; and 289°, 1,600 yards.

(2) A rectangular area in the Pacific Ocean 1,200 yards wide and three miles long, the centerline of which bears 262° true from the outer end of the Arena Cove Fish Company wharf, and the easterly boundary of which is the westerly boundary of the area described in subparagraph (1) of this paragraph extended to the south.

(b) *The regulations.* (1) No vessel shall cast or drag anchor, drag grapnels, or use heavy fishing drags in these areas.

(2) Permanent mooring buoys may be installed within the areas subject to Department of the Army permits being obtained for such installation.

(3) The regulations in this section shall be enforced by the Captain of the Port, U. S. Coast Guard, San Francisco, and such agencies as he may designate.

§ 207.800 *Wrangell Narrows, Alaska; use, administration, and navigation—(a) Definitions.* (1) The term "Wrangell Narrows" includes the entire body of water shown on U. S. Coast and Geodetic Survey Chart No. 8170 between Wrangell Narrows Lighted Bell Buoy 46 and Midway Rock Light.

(2) The term "raft section" refers to a standard raft of logs or piling securely fastened together for long towing in Alaska inland waters in the manner customary with the local logging interests, i. e., with booms, swifters, and tail sticks. It normally contains 30,000 to 70,000 feet board measure of logs or piling and has a width of 45 to 60 feet and a length of 75 to 100 feet.

(3) The term "horsepower" refers to the manufacturer's rating of the towboat engine as shown in standard catalogs or on the name plate fixed to the engine.

(b) *Fish traps.* No fish trap shall be towed through Wrangell Narrows without specific authority, in each case, from the District Engineer, Corps of Engineers, Seattle, Washington.

(c) *Tow channel.* (1) The following route shall be taken by all tows passing through Wrangell Narrows when the towboat has a draft of nine feet or less (northbound, read down; southbound, read up):

East of Battery Islets:  
East of Tow Channel Buoy 1 TC and Tow Channel Buoy 7 TC.  
West of Tow Channel Buoy 2 TC.  
East of Keene Island:  
West of Tow Channel Buoy 4 TC.  
East of Tow Channel Buoy 5 TC and Tow Channel Buoy 7 TC.  
West of Tow Channel Buoy 6 TC and Tow Channel Buoy 8 TC.  
West of South Ledge:  
East of South Ledge West Side 9 Light.  
West of South Ledge East Side 8 Light and Tow Channel Buoy 10 TC.  
East of North Ledge:  
East of Tow Channel Buoy 9 TC.  
East of Colorado Reef:  
East of Colorado Reef West 15 Light.  
West of Blind Slough Lighted Buoy 17.  
East of Woody Island:  
West of Woody Island Shoal 21A Light.  
East of Tow Channel Buoy 11 TC.  
West of Vexation Rock 23 Light.  
West of Green Rocks.  
West of North Flat:  
East of North Flat South End 26 Light, Wrangell North Flat 28 Light, North Flat 30 Light, and Upper North Flat Buoy 32, whenever the stage of tide permits.  
West of Blunt Point:  
West of Blunt Point Reef 34 Light.  
West of Petersburg:  
East of Turn Point Lighted Buoy 35, Turn Point Shoal Lighted Buoy 38, and Petersburg Bar Lighted Buoy 40.  
Thence proceeding to west side of channel and leaving Wrangell Narrows to westward of Prolewy Rock Lighted Buoy 43.

(2) For towboats drawing more than nine feet, application shall be made to



the District Engineer, Seattle, Washington, for authority to use the ship channel for each trip.

(d) *Size of tows.* The maximum tows permitted shall be as follows:

(1) *Towboats of 25 Horsepower or less.* Not permitted to take any tows through Wrangell Narrows other than fuel logs, not to exceed 500 feet board measure per horsepower up to a maximum of 10,000 feet board measure.

(2) *Towboats of 26 to 49 Horsepower.* Fuel logs not to exceed 10,000 feet board measure, or one freighting scow not larger than 30 feet by 60 feet, or one raft section.

(3) *Towboats of 50 to 89 Horsepower.* Fuel logs, not to exceed 10,000 feet board measure if in "tandem" (not bound together) or 15,000 feet board measure if chained or cabled, or one anchor lifter, or one pile driver, or two units of other towable equipment, or two raft sections.

(4) *Towboats of 90 Horsepower or over.* Fuel logs not to exceed 10,000 feet board measure if in "tandem" (not bound together) or 15,000 feet board measure if chained or cabled, or one anchor lifter, or one pile driver, or three units of other towable equipment or seven raft sections.

(e) *Arrangement of tows.* (1) No towline or aggregate of towlines between towboat and separated pieces shall exceed 150 feet in length.

(2) Tows shall not exceed 65 feet in width overall.

(3) Tows other than rafts shall be taken alongside the towboat whenever possible.

(f) *Anchorage.* No craft or tow shall be anchored in Wrangell Narrows in either the main ship channel or the towing channel, nor shall any craft or tow be anchored so that it can swing into either of these channels.

(g) *Disabled craft.* Disabled craft in a condition of absolute necessity are exempt from the regulations in this section.

(Regs. Sept. 23, 1949, 800.2121-ENGWO) (38 Stat. 1053, 40 Stat. 266, 54 Stat. 150; 33 U. S. C. 1, 180, 258, 319, 471)

[SEAL] EDWARD F. WITSELL,  
Major General,  
The Adjutant General.

[F. R. Doc. 49-8462; Filed, Oct. 20, 1949;  
8:50 a. m.]

## TITLE 38—PENSIONS, BONUSES, AND VETERANS' RELIEF

### Chapter I—Veterans' Administration

#### PART 21—VOCATIONAL REHABILITATION AND EDUCATION

##### SUBPART A—REGISTRATION AND RESEARCH Correction

In Federal Register Document 49-8194, appearing at page 6196 of the issue for Thursday, October 13, 1949, the word "course", in the fourth line of § 21.186 (a) (1) should read "course".

## TITLE 44—PUBLIC PROPERTY AND WORKS

### Chapter VIII—United States Philippine War Damage Commission

#### PART 820—POLICY DETERMINATIONS

##### PRIVATE PROPERTY CLAIMS; REINVESTMENT

The rules and regulations issued by the United States Philippine War Damage Commission published in 13 F. R. 368, governing the making of reinvestments are hereby amended as follows:

§ 820.25 *Reinvestment.* The Commission has determined that the following shall be considered reinvestments, and the Commission may require proof that any funds paid to claimants have been so used:

(d) Investment in previously unissued securities of the Republic of the Philippines or any agency or political subdivision thereof, purchased in the Philippines or from any agency or representative of the Republic of the Philippines in foreign countries;

(e) The purchase in the Philippines of the previously unissued capital stock or bonds of organizations, or any partnership interest in organizations, engaged in business, production, or exploitation of natural resources in the Philippines; and

(Sec. 101 (c), 60 Stat. 128; 50 U. S. C. App., 1751 (c))

Approved: October 6, 1949.

FRANK A. WARING,  
Commissioner (Chairman).  
FRANCISCO A. DELGADO,  
Commissioner.

[SEAL] JOHN A. O'DONNELL,  
Commissioner.

[F. R. Doc. 49-8451; Filed, Oct. 20, 1949;  
9:00 a. m.]

## TITLE 47—TELECOMMUNICATION

### Chapter I—Federal Communications Commission

[Docket No. 9386]

#### PART 18—INDUSTRIAL, SCIENTIFIC, AND MEDICAL SERVICE

##### IN THE MATTER OF INTERFERENCE TO TELEVISION AND OTHER RECEIVERS

At a session of the Federal Communications Commission held at its offices in Washington, D. C., on the 14th day of October 1949;

The Commission having under consideration the addition of footnotes to §§ 18.17, 18.24, and 18.32 of its rules, to provide that in cases of interference to television and other receivers arising from direct intermediate frequency pickup by such receivers of the fundamental frequency emissions of type-approved or certified diathermy or other equipment operating on prescribed fundamental frequencies and otherwise in accordance

with the Commission's rules, the operators of such equipment shall not be required to eliminate the resultant interference; and

It appearing that, in accordance with the requirements of section 4 (a) of the Administrative Procedure Act, general notice of proposed rule making in the above-entitled matter was published in the FEDERAL REGISTER on July 26, 1949, on page 4638 thereof; and

It further appearing, that, written comments have been submitted in connection with this proceeding by: Liebel-Flarsheim Company, Cincinnati; Garfield Medical Apparatus Company, New York; Burdick Corporation, Milton, Wisconsin; Dallons Laboratories, Los Angeles; and H. G. Fischer & Company, Franklin Park, Illinois, all manufacturers of diathermy and electro-therapeutic machines, and by the American Medical Association, the American Hospital Association, and the Physical Therapy Manufacturers' Association; and

It further appearing that, all written comments filed in connection with this proceeding were in complete agreement with the Commission's proposed additions, and that no adverse comments have been addressed to any of said proposals; and

It further appearing that, the public interest, convenience and necessity will be served by the adoption of said proposed additions; and

It further appearing that, authority for the adoption of said proposed additions is contained in sections 4 (i), 301, 303 (f), and 303 (r) of the Communications Act of 1934, as amended.

It is ordered, That, effective December 1, 1949, footnotes be appended to §§ 18.17, 18.24, and 18.32 of the Commission's rules, as set forth below.

(Sec. 4 (i), 48 Stat. 1066; 303 (r), 50 Stat. 191; 47 U. S. C. 154 (i), 303 (r). Applies 301, 48 Stat. 1082; 303 (f), 48 Stat. 1082; 47 U. S. C. 301, 303 (f))

Released: October 14, 1949.

FEDERAL COMMUNICATIONS  
COMMISSION,

[SEAL] T. J. SLOWIE,  
Secretary.

§ 18.17 *Interference from equipment operated in accordance with §§ 18.11 and 18.12.* In the event of interference to any authorized radio service caused by the equipment operated in accordance with the provisions of §§ 18.11 and 18.12, such steps as may be necessary to remedy such interference condition shall promptly be taken.

\* *Provided, That:* In cases of interference to receivers arising from direct intermediate frequency pickup by such receivers of the fundamental frequency emissions of type-approved or certified medical diathermy machines operating on prescribed fundamental frequencies and otherwise in accordance with § 18.11, this section shall not apply.

§ 18.24 *Interference from equipment operated in accordance with §§ 18.21 or 18.22.* In the event of interference to any authorized radio service from equipment operated in accordance with the provisions of §§ 18.21 and 18.22, steps to rem-



edy such interference condition shall promptly be taken.<sup>4</sup>

<sup>4</sup> *Provided, That:* In cases of interference to receivers arising from direct intermediate frequency pickup by such receivers of the fundamental frequency emissions of certified industrial heating equipment operating on prescribed fundamental frequencies and otherwise in accordance with § 18.21, this section shall not apply.

§ 18.32 *Interference from equipment operated in accordance with § 18.31.* In the event of interference to any authorized radio services caused by equipment operated in accordance with § 18.31, steps to remedy such interference conditions shall be taken promptly.<sup>5</sup>

<sup>5</sup> *Provided, That:* In cases of interference to receivers arising from direct intermediate frequency pickup by such receivers of the fundamental frequency emissions of type-approved or certified miscellaneous equipment operating on prescribed fundamental frequencies and otherwise in accordance with § 18.11, this section shall not apply.

[F. R. Doc. 49-8449; Filed, Oct. 20, 1949; 8:52 a. m.]

[Docket No. 9376]

# PART 35—UNIFORM SYSTEM OF ACCOUNTS FOR WIRE-TELEGRAPH AND OCEAN-CABLE CARRIERS

## MISCELLANEOUS AMENDMENTS

At a session of the Federal Communications Commission held at its offices in Washington, D. C., on the 14th day of October 1949;

The Commission having under consideration the matter of amendment of Part 35 of its rules and regulations relating to the Uniform System of Accounts for Wire-telegraph and Ocean-cable Carriers and also having under consideration its notice of proposed rule making adopted herein on July 13, 1949, and published in the FEDERAL REGISTER on July 22, 1949 (14 F. R. 4597), in accordance with section 4 (a) of the Administrative Procedure Act;

It appearing, that the period in which interested persons were afforded an opportunity to submit comments expired on August 26, 1949, and that the Commission has not received any comments in opposition to the said proposal; and

It further appearing, that in the appendix to the notice of proposed rule making herein, the item "Framework" was inadvertently included by the Commission in Account 44, "Pneumatic tube and conveyor equipment" and that such item should be deleted therefrom;

It further appearing, that under section 220 (g) of the Communications Act of 1934, as amended, notice of alterations by the Commission in the required manner or form of keeping accounts shall be given by the Commission at least six months before the same are to take effect;

It is ordered, That effective May 1, 1950, Part 35 of the Commission's rules and regulations is amended as set forth below: *Provided, however,* That any carrier may commence using the retirement units prescribed hereby at any time between the date of adoption of this order and the above effective date.

(Sec. 4 (i), 48 Stat. 1066; 47 U. S. C. 154 (i). Applies 220, 48 Stat. 1078; 47 U. S. C. 220)

Released: October 14, 1949.

## FEDERAL COMMUNICATIONS COMMISSION,

[SEAL] T. J. SLOWIE,  
Secretary.

1. Amend § 35.1-6-1 by inserting after item (4) under the classification "Pneumatic tubes (Account 29)", the following items:

*Message Transmitting and Receiving Equipment (Account 41) and Repeater and Terminal Equipment (Account 42)*

Each principal item of equipment, such as: Amplifier or magnifier—signal shaping or synchronizing power.

Anti-induction equipment, wired and equipped—cabinet or rack of.

Artificial line (ocean cable).

Bay, alternator.

Cabinet (wired)—balancing, cable switching relay, concentrator equipment, fork control, impulse unit, self-service telegraph, or switching equipment.

Concentration unit or concentrator.

Console, printer.

Modulator group.

Network, balancing or sending (ocean cable).

Pacer, transmission.

Perforator or reperforator (cable code).

Printer or printer-perforator.

Rack (wired), with or without equipment.

Reactor, resonant.

Recorder (facsimile).

Recorder or relay (ocean cable).

Repeater.

Selector, way station.

Set—composite, Morse, terminal, or test.

Shunt, magnetic.

Speed matcher (ocean cable).

Station, telephone.

Table (wired), with or without equipment.

Tape puller, motor driven.

Temperature control—artificial line (not part of building).

Terminal, carrier or carrier channel.

Transceiver (facsimile).

Translator (ocean cable).

Transmitter (facsimile or ocean cable).

Turret, reperforator switching.

Writer, direct.

## *Switchboards and Distributing Frames (Account 43)*

Each principal item of equipment, such as: Frame—cross or distributing—section thereof.

Set, test.

Switchboard or section thereof.

## *Pneumatic Tube and Conveyor Equipment (Account 44)*

Each principal item of equipment, such as:

Blower plant.

Compressor plant.

Conveyor—Belt, cord, or strap.

Gravity drop or duct (not part of building or belt conveyor).

Terminal equipment—distant, home, or intermediate station.

Tubing, pneumatic—complete run in a building between terminals.

## *Power Equipment (Account 45)*

Each principal item of equipment, such as:

Battery—primary or storage (except dry cells)—with or without rack.

Bench or panel—motor-generator (separate or combined).

Board or panel—battery charging.

Circuit breaker (not a component part of other listed items).

Generator—motor, engine, or turbine.

Meter—watt-hour or demand.

Power distribution installation.  
Rectifier.  
Transformer.

## *Messenger Call Circuit Equipment (Account 46)*

Each principal item of equipment, such as: Annunciator.

Box, call.

Register, call circuit.

Switchboard, call circuit.

## *Time Service Equipment (Account 47)*

Each principal item of equipment, such as: Clock—control, master, or service.

Control equipment, time stamp.

Repeater, time service.

Switchboard—time service, or time-messenger.

Synchronizing equipment, motor driven.

## *Ticker and Commercial News Service Equipment (Account 48)*

Each principal item of equipment, such as: Bench, work.

Keyboard, ticker-transmitter.

Pedestal, ticker.

Perforator, keyboard.

Printer.

Printer-perforator.

Repeater.

Switchboard or section thereof (ticker).

Table, ticker—auxiliary switchboard, operating, or test.

Ticker.

Unit, ticker branch station.

## *Office Cable and Conduit (Account 49)*

The entire cable and conduit installation in a single office.

A replacement at a single office under a single (but not unduly parceled) project when the cost of the plant retired exceeds \$1,000 or 10% of the cost of all the plant represented in the account for that office.

## *Equipment Furnished Customers (Account 51)*

The retirement units for this account shall correspond to those designated for comparable equipment in carriers' offices.

## *Other Inside Communication Plant (Account 59)*

Each principal item of equipment.

NOTE: The retirement units for equipment in schools shall correspond to those designated for comparable equipment in operating offices.

## *Furniture and Office Appliances (Account 61)*

Each principal item of equipment, such as: Air-conditioning unit (not part of building).

Bed, cot, couch, chest, dresser, or stand.

Book case.

Cabinet or locker—file or storage (except in storerooms).

Caldron or kettle, large.

Carpet, rug, or other floor covering.

Cart, utility service.

Cash register.

Cashier's cage—detachable.

Chair, stool, or bench.

Clock.

Counter or bin.

Crockery or glassware—all at one location.

Cutlery or silverware—all at one location.

Desk or table.

Dictaphone.

Disposal unit, garbage.

Fire extinguisher—refillable.

Heater, electric.

Inter-office communicating system.

Lamp—floor or desk.

Machine—addressing, baling, billing, book-

keeping, computing, dishwashing, grind-

ing, ironing, mixing, polishing, pressing,

punching, recording, scrubbing, sewing,

shoe-shining, slicing, sorting, steno-

graphic, tabulating, washing.



## RULES AND REGULATIONS

Movie projector.  
Oven (not part of a building).  
Platform, movable.  
Pots, pans, and other cooking utensils—all at one location.  
Rack or costumer.  
Rack, bicycle.  
Radio or phonograph.  
Range or hotplate—gas or electric.  
Recreation equipment (such as a pool table).  
Refrigerator.  
Safe.  
Scales.  
Screen, folding.  
Shelving, removable—all at one location.  
Stamp, time.

Table—kitchen, cold, or steam.  
Tank, movable.  
Toaster, percolator, or other electric appliance.  
Typewriter.  
Urn, coffee or hot water.  
Vacuum cleaner.  
Vat (not attached to building).  
Vending machine.  
Ventilator.  
Water cooler.  
Wringer, copy—motor driven.

*Other Office and Messenger Equipment*  
(Account 69)

Each principal item of equipment.

2. Make the following editorial changes in § 35.1-6-1:

Delete the center caption reading "Outside Plant" following paragraph (e); change center caption reading "Land improvement (Account 14)" to read "Land improvements (Account 14)"; and in the list of items thereunder, after the item reading "Trees, shrubbery, etc.—entire group in a specific area," insert a center caption reading "Buildings (Account 15)".

[F. R. Doc. 49-8447; Filed, Oct. 20, 1949; 9:00 a. m.]

## PROPOSED RULE MAKING

## DEPARTMENT OF COMMERCE

## Bureau of the Census

## [ 15 CFR, Part 30 ]

## FOREIGN TRADE STATISTICS

## COUNTRY OF ORIGIN FOR STATISTICAL PURPOSES

Pursuant to section 4 (a) of the Administrative Procedure Act, approved June 11, 1946 (Public Law 404, 79th Cong., 2d Sess.) and the authority contained in sections 161 (5 U. S. C. 22), 4197 (46 U. S. C. 91) and 4200 (46 U. S. C. 92) of the Revised Statutes, and section 4, 32 Stat. 826 (5 U. S. C. 601), notice is hereby given that the Acting Director of the Census is considering a proposal to issue proposed Foreign Commerce Statistical Decision 71, as shown below, revising the Foreign Commerce Statistical Regulations to amend §§ 30.10 (b) and 30.10 (c), and to incorporate therein § 30.10 (d), containing definite provisions with respect to the country of origin shown for imports of merchandise.

All persons who desire to submit written data, views or arguments in connection with the proposed Foreign Commerce Statistical Decision 71 may do so by filing them in quadruplicate with the Bureau of the Census, Washington 25, D. C., within 30 days from the date of publication of this notice in the FEDERAL REGISTER.

1. The title of § 30.10 is amended to read as follows: "§ 30.10 *Classification of countries; country of origin of imports; invoice information on country of origin; nationality and motive power of importing vessels*".

2. Section 30.10 (b) is amended to read as follows:

(b) For statistical purposes, importers shall provide information with respect to the country of origin of the merchandise on all entries for consumption, entries for warehouse, and withdrawals from warehouse for consumption. As a basis for such information, importers shall give the necessary instructions to their foreign suppliers, in accordance with paragraph (c) of this section, for a statement as to the country of origin of the imported merchandise to appear on all invoices covering shipments to the United States.

By country of origin is meant the country of production or manufacture of the imported merchandise. Further labor, work, or material added to an article in another country must effect a substantial transformation in order to render such other country the "country of origin." Such substantial transformations include: Smelting of ores; milling or refining of crude products; tanning of hides; weaving of yarns; bleaching, printing, or dyeing of textile fabrics; conversion of metal into a machine or appliance; cutting of precious stones; and the like. The country of origin is not changed when the merchandise is subjected in another country merely to minor manipulations, such as sorting, grading, screening, cleaning, packaging, re-packaging, and the like.

When the merchandise is invoiced in, or exported from, a country other than that in which it originated, the actual country of origin should be specified, rather than the country of invoice or exportation. If in the case of such commodities as scrap metal, industrial diamonds, or antiques, the origin of the merchandise is not known or may not be ascertained with reasonable effort, the country from which the merchandise has been shipped shall be shown and indicated as the "Country of Shipment."

3. Section 30.10 (c) is amended to read as follows:

(c) The country of origin as defined in paragraph (b) of this section shall be shown, in connection with the description of the merchandise referred to, on all invoices filed by the importer after March 1, 1950, with entries for consumption and entries for warehouse. In the case of consular invoices, Collectors of Customs may waive this requirement when the invoice was certified before February 1, 1950.

The country of origin shown by the United States importer on entries for consumption, entries for warehouse, and withdrawals from warehouse for consumption shall correspond to that appearing on the related invoices. In cases where the invoice from the foreign supplier is not available at the time of entry, the importer shall enter the correct country of origin according to his best knowledge. In those cases where the importer has reliable knowledge that the

country of origin shown on the invoice is incorrect, he shall enter on the form the correct country of origin according to his best knowledge, indicating that it is a correction.

4. Paragraph (d) is added to § 30.10 to read as follows:

(d) Importers shall provide information on entries for consumption, entries for warehouse, and withdrawals from warehouse for consumption, on the nationality and motive power of the vessel from which the imported articles were landed in the United States.

(R. S. 161; 5 U. S. C. 22. Interpret or apply R. S. 335 as amended, 336, as amended, 337, as amended, 4200, as amended, sec. 1, 18 Stat. 352, as amended, sec. 1, 27 Stat. 197, as amended, 32 Stat. 172, as amended, sec. 7, 44 Stat. 572, as amended, sec. 1, 52 Stat. 8; 15 U. S. C. 173, 174, 176, 176a, 177, 178, 46 U. S. C. 92, 95, 49 U. S. C. 177)

[SEAL]

PHILIP M. HAUSER,  
Acting Director,  
Bureau of the Census.

Approved, October 14, 1949.

C. V. WHITNEY,  
Acting Secretary of Commerce.

[F. R. Doc. 49-8446; Filed, Oct. 20, 1949; 8:52 a. m.]

## FEDERAL COMMUNICATIONS COMMISSION

## [ 47 CFR, Part 3 ]

[Docket Nos. 8736, 8975, 8976, 9175]

## TELEVISION BROADCAST SERVICE

## SCHEDULE FOR REMAINDER OF HEARING RELATING TO COLOR TELEVISION

In the matters of amendment of § 3.606 of the Commission's rules and regulations, Docket Nos. 8736 and 8975; amendment of the Commission's rules, regulations and engineering standards concerning the television broadcast service, Docket No. 9175; utilization of frequencies in the Band 470 to 890 Mcs. for television broadcasting, Docket No. 8976.

1. Since September 26, 1949, the hearing now in progress in the above-entitled matters has been devoted to comments and proposals relating to color televi-



sion. In order that all interested parties may be fully apprised in the matter and may plan accordingly, there is set forth below the schedule which the Commission anticipates it will follow with respect to color television.

2. Upon conclusion of the direct testimony to be presented by the Columbia Broadcasting System, Inc., the Commission will receive the testimony of Dr. Charles Willard Geer. Cross-examination by the Commission's staff and interested parties will be permitted at this time of Dr. Geer.

3. During the weeks of October 17th and October 24, 1949, the Commission will be in hearing session during the first three and one-half days of each week. It is anticipated that by October 27, 1949, all listed parties concerned with the issue of color television will have completed the presentation of their direct testimony relating to that issue.

4. During the week of November 14, 1949, the Commission will view the comparative demonstrations to be conducted by Columbia Broadcasting System, Inc., Radio Corporation of America and Allen B. DuMont Laboratories, Inc. During the week of November 28, 1949, but in no event later than November 30, 1949, the Commission will view the demonstration to be held in San Francisco, California, by Color Television, Inc.

5. Cross-examination of the witnesses who have testified concerning the issue of color television (except Dr. Geer and other witnesses who have previously been cross-examined) will commence on December 5, 1949.

6. In order that witnesses who have already testified and as to whom no cross-examination is desired may be spared an unnecessary trip, Counsel for the parties should fill out a form for cross-examination (see public notice dated September 16, 1949, FCC 49-1278) for each witness they desire to interrogate and file same with Commission Counsel no later than November 18, 1949.

Adopted: October 13, 1949.

Released: October 13, 1949.

FEDERAL COMMUNICATIONS  
COMMISSION,

[SEAL] T. J. SLOWIE,  
Secretary.

[F. R. Doc. 49-8448; Filed, Oct. 20, 1949;  
8:52 a. m.]

## FEDERAL SECURITY AGENCY

Freedmen's Hospital, Public Health  
Service

[ 42 CFR, Part 401 ]

### ADMISSION AND OUT-PATIENT TREATMENT

#### NOTICE OF PROPOSED RULE MAKING

Notice is hereby given that the Surgeon General of the Public Health Service, with the approval of the Federal Security Administrator, proposes to amend the regulations concerning admission and out-patient treatment at Freedmen's Hospital contained in Part 401, Chapter IV, Title 42 of the Code of Federal Regulations. All those interested who may wish to present their views in connection

with the proposed amendments are invited to submit written statements of their views or arguments within 10 days of the date of publication of this notice in the *FEDERAL REGISTER*. Such statements, addressed to the Surgeon General of the Public Health Service, may be mailed or delivered to Room 3234, Federal Security Building, South, Fourth and C Streets, SW., Washington 25, D. C.

It is proposed that the amendments proposed herein will become effective on the thirty-first day following their publication in the *FEDERAL REGISTER* after adoption by the Surgeon General with the approval of the Federal Security Administrator: *Provided, however*, That such amendments shall not affect the rates charged to in-patients who will have been admitted prior to such effective date. Such in-patients shall continue to be charged the rates set forth in the presently effective regulations contained in Part 401, Chapter IV of Title 42, until their discharge from the hospital.

It is proposed to amend Part 401 of Title 42, Chapter IV, so that it will read as follows:

#### PART 401—ADMISSION AND OUT-PATIENT TREATMENT

Sec.	
401.1	Definitions.
401.2	Eligibility for admission, medical care, and treatment.
401.3	Examinations for admission.
401.4	Agreements for payment.
401.5	Advance payments.
401.6	Income schedule for determination of rates.
401.7	In-patient rates; full-pay patients.
401.8	In-patient rates; part-pay patients.
401.9	Out-patient rates; referred patients.
401.10	Out-patient rates; emergency patients.
401.11	Out-patient rates; clinic patients.
401.12	Rates for X-ray, laboratory, and other special services.
401.13	Patients referred by District of Columbia; rates.
401.14	Bureau of Employees' Compensation beneficiaries; rates.
401.15	Modification of rates for extended hospitalization.

AUTHORITY: §§ 401.1 to 401.15, issued under authority of 18 Stat. 223, 32 D. C. Code 317; 45 Stat. 992, 32 D. C. Code 318; 44 Stat. 208, 32 D. C. Code 319; 53 Stat. 561, 5 U. S. C. 133. Reorganization Plan No. IV, 3 CFR, Cum. Supp., Ch. IV.

§ 401.1 *Definitions.* As used in this chapter, the following terms shall have the meanings indicated:

(a) "Full-pay patients" are those patients who are responsible for paying the rates set forth in § 401.7 for their care as in-patients at the hospital.

(b) "Part-pay patients" are those patients who, after financial investigation, are found to be unable under the criteria specified in § 401.6, to pay the rates established for full-pay patients, but who are nevertheless able to pay the modified rates established in § 401.8 for their care as in-patients at the hospital.

(c) "Indigent patients" are those patients who, after financial investigation, are found to be unable under the criteria specified in § 401.6, to pay any amount for their care as in-patients at the hospital.

(d) "In-patients" are patients who are hospitalized for the purpose of receiving medical care or treatment.

(e) "Out-patients" are ambulatory patients who receive medical care or treatment not requiring hospitalization.

(f) "Referred patients" are out-patients referred to the hospital by private physicians as their own patients for X-ray, laboratory, or other special services performed on the prescription or at the request of such private physicians.

(g) "Emergency patients" are out-patients who require medical care or treatment as a result of sudden illness or injury where to delay such care or treatment would imperil the life or safety of the patient. Emergency patients who require hospitalization as in-patients shall be considered as full-pay patients, part-pay patients, or indigent patients as the case may be.

(h) "Clinic patients" are out-patients other than referred or emergency patients.

(i) "Patient day" means a period of twenty-four hours beginning at midnight provided that the day of admission into the hospital will be counted and the day of discharge therefrom excluded in the computation of the time for payment in each and every case. Patients admitted and discharged on the same patient day will be charged for one patient day.

§ 401.2 *Eligibility for admission, medical care, and treatment.* All persons in need of hospitalization, medical care, or treatment are eligible for admission to the hospital either as in-patients or out-patients as their medical condition may indicate. Each admission shall be conditioned upon the capacity and facilities of the hospital available to receive and treat the patient.

§ 401.3 *Examinations for admission.* Each applicant for admission as an in-patient shall be examined pursuant to the direction of the Superintendent for determination by him or his designee of the eligibility of the applicant for admission under this part.

§ 401.4 *Agreements for payment.* All full-pay and part-pay patients or their responsible representatives will be required to execute an agreement to pay the costs of their hospitalization and other services as specified in this part.

§ 401.5 *Advance payments.* Payments are to be made weekly, in advance for in-patient hospitalization, except in those cases where the patient enters the hospital for a definite number of days constituting less than a week. In such cases payment shall be made in advance for the number of days the patient expects to remain in the hospital. However, the hospital may waive the requirements of this section in those cases in which it determines that the patient, his responsible representative, or other individual or organization who undertakes the payment for his hospitalization and care, is financially responsible. In such cases, full settlement shall be made as soon as practicable.

§ 401.6 *Income schedule for determination of rates.* The ability of a patient to pay for his hospitalization and other services shall be determined in accordance with the following Income



Schedule. A patient whose total family income per month falls in Column "A" shall be considered to be an indigent patient who shall not be charged any amount for his hospitalization and other services. A patient whose total family income per month falls in Column "B" shall be considered to be a part-pay patient who shall be charged a modified rate for his hospitalization and other services as set forth in § 401.8. A patient whose total family income per month falls in Column "C" shall be considered to be a full-pay patient who shall be charged the rates set forth in § 401.7 for his hospitalization and other services.

## INCOME SCHEDULE

Number in family	Family income per month		
	A	B	C
1.....	\$74 or less.....	\$75-\$99.....	\$100 or more.....
2.....	\$94 or less.....	95-119.....	\$120 or more.....
3.....	\$109 or less.....	110-134.....	\$135 or more.....
4.....	\$119 or less.....	120-144.....	\$145 or more.....
5.....	\$129 or less.....	130-154.....	\$155 or more.....
6.....	\$139 or less.....	140-164.....	\$165 or more.....
7.....	\$149 or less.....	150-174.....	\$175 or more.....
8.....	\$159 or less.....	160-184.....	\$185 or more.....
9.....	\$169 or less.....	170-194.....	\$195 or more.....
10 or more.....	\$179 or less.....	180-204.....	\$205 or more.....

§ 401.7 *In-patient rates; full-pay patients.* Full-pay patients shall pay the following rates:

## GENERAL HOSPITAL

1. Schedule of rates for full-pay general hospital cases:

Private rooms..... \$9.00 a day.  
Ward..... \$6.50 a day.  
Children under 7 years of age..... \$3.25 a day.

2. There shall be the following extra charges for full-pay, general hospital patients:

(a) Drugs not regularly stocked on the wards, prescriptions which must be compounded, and biologicals.

(b) X-ray (see § 401.12 (a) and (b)).

(c) Laboratory. There shall be a flat charge of \$10.00 for laboratory work. However, there shall be no charge for laboratory work for obstetrics, pulmonary tuberculosis, tonsils and adenoids cases, or for children under 7 years.

(d) Operating room and anesthesia. Major surgery, \$15.00; Minor surgery, \$10.00.

(e) Delivery room and anesthesia. \$10.00.

(f) Miscellaneous:

(1) Physical therapy treatments. \$2.00 per treatment.

(2) Casts. (See § 401.12 (g).)

(3) Ambulance service. Trip within city limits—day or night rate, \$5.00 per trip.

## MATERNITY CASES

1. Schedule of rates for full-pay maternity cases:

Ward..... \$9.00 a day.  
Delivery room..... \$10.00.

## TONSILLECTOMY CASES

1. Schedule of rates for full-pay tonsillectomy cases:

Patients 7 years and over. Private room—\$28.00 for minimum of 2 days; \$9.00 each day thereafter. Ward—\$23.00 for minimum of 2 days; \$6.50 each day thereafter.

Patients under 7 years. Ward—\$16.50 for minimum of 2 days; \$3.25 each day thereafter.

2. The above rates include operating room, anesthesia, prescribed drugs and medications, laboratory, and other special services for tonsillectomy cases.

## TUBERCULOSIS HOSPITAL

1. Schedule of rates for full-pay tuberculosis cases: All rooms \$19.25 a week. All X-ray, laboratory, and other special charges are included in this rate.

§ 401.8 *In-patient rates; part-pay patients.* Part-pay patients shall pay rates in accordance with the following Rate Schedule:

## GENERAL HOSPITAL

## RATE SCHEDULE

Family income deviation (from Column "B" of Income Schedule, §401.6)	Rates (per day)	
	Patients 7 and over	Children under 7
Minimum through \$2 over minimum.....	\$0.50	\$0.25
\$2.01 through \$4 over minimum.....	1.00	.50
\$4.01 through \$7 over minimum.....	1.50	.75
\$7.01 through \$10 over minimum.....	2.00	1.00
\$10.01 through \$13 over minimum.....	2.50	1.25
\$13.01 through \$16 over minimum.....	3.00	1.50
\$16.01 through \$19 over minimum.....	3.50	1.75
\$19.01 through \$22 over minimum.....	4.00	2.00
\$22.01 through \$24 over minimum.....	4.50	2.25

All X-ray, laboratory, and special services are included in the above rate schedule.

## MATERNITY CASES

The above Rate Schedule shall also apply to maternity cases.

## TONSILLECTOMY CASES

The above Rate Schedule shall also apply to tonsillectomy cases. The rates so determined include operating room, anesthesia, prescribed drugs and medications, laboratory, and other special services.

## TUBERCULOSIS HOSPITAL

The above Rate Schedule is modified as follows for tuberculosis patients:

## RATE SCHEDULE

Family income deviation (from column "B" of Income Schedule §401.6):	Rates (per week) (all patients)
Minimum through \$2 over minimum.....	\$2.75
\$2.01 through \$5 over minimum.....	5.50
5.01 through \$8 over minimum.....	8.25
\$8.01 through \$11 over minimum.....	11.00
\$11.01 through \$14 over minimum.....	13.75
\$14.01 through \$17 over minimum.....	16.50
\$17.01 through \$20 over minimum.....	19.25

§ 401.9 *Out-patient rates; referred patients.* Referred patients shall pay for X-ray, laboratory, and other special services in accordance with the schedules set forth in § 401.12.

§ 401.10 *Out-patient rates; emergency patients.* The fee for treatment of emergency patients shall be \$2.00 per treatment, but if suturing is required, then the fee shall be \$2.50. Emergency patients shall also pay for X-ray, laboratory, and other special services in accordance with the schedules set forth in § 401.12. The fee for prescribed drugs and medications shall be \$.35 for each prescription filled. The hospital may waive payment of any of the fees prescribed by this section if it determines that the patient is financially unable to pay such fees.

§ 401.11 *Out-patient rates; clinic patients.* The fee for care or treatment of clinic patients shall be \$2.00 for each visit to the clinic. This fee will include all X-ray, laboratory, and other special serv-

ices necessary. The fee for prescribed drugs and medications shall be \$.35 for each prescription filled. No charge shall be made for care or treatment of clinic patients at the tuberculosis, venereal disease, maternal or child welfare clinics. The hospital may waive payment of any of the fees prescribed in this section if it determines that the patient is financially unable to pay such fees.

§ 401.12 *Rates for X-ray, laboratory, and other special services—(a) X-ray examinations.*

Dental.....	\$5.00
Chest.....	7.00
Gastrointestinal series.....	10.00
Abdomen.....	8.00
Barium Colon Enema.....	10.00
Gall Bladder with dye.....	12.50
G. I. Complete (Stomach, Colon, Gall Bladder).....	25.00
Skull:	
(4 views).....	12.50
(2 views).....	7.50
Mastoids.....	7.50
Sinuses.....	7.50
Shoulder extremities.....	7.50
Elbow.....	5.00
Pelvis.....	8.00
Hip.....	8.00
Femur.....	7.50
Tibia.....	7.50
Knee.....	7.50
Hand or Foot.....	5.00
Ankle.....	7.50
Spine:	
Complete.....	20.00
Dorsal.....	8.00
Lumbar.....	8.00
Cervical.....	7.00
Thorax.....	8.00
Jaw.....	7.50
Pyelography:	
Retrograde.....	10.00
Intravenous.....	15.00
Aerocystogram.....	7.50

NOTE 1: Children under 7 years shall be charged one-half the above rates.

NOTE 2: For any X-ray not listed, a reasonable price will be set, using the above table as a guide.

(b) *X-ray therapy.*

1. X-ray therapy, deep:	
Series of 15 to 40 treatments.....	\$25.00
Any additional series.....	12.50
2. X-ray therapy, superficial:	
Series of 1 to 15 treatments.....	10.00
Any additional series.....	5.00

(c) *Bacteriological examinations.*

Agglutination tests.....	5.00
Bacterial culture.....	3.00
Bacterial culture with animal inoculation.....	10.00
Blood culture.....	5.00
Culture for G. C. organisms.....	3.00
Feces examination (for causative organisms).....	5.00
Feces examination (for parasites and ova).....	2.00
G. C. smear.....	2.00
Penicillin assay.....	5.00
Pneumococcus typing.....	3.00
Sputum smear.....	2.00

(d) *Blood chemistry.*

A/G ratio.....	5.00
Amylase.....	3.00
Ascorbic acid.....	3.00
Bilirubin (Van den Bergh).....	2.00
Calcium.....	3.00
Chemical examination of blood (creatinine, glucose, non-protein nitrogen or urea nitrogen, uric acid).....	7.50
Chlorides.....	3.00
Cholesterol.....	3.00
CO <sub>2</sub> combining power.....	2.00



Galactose tolerance.....	\$5.00
Glucose tolerance.....	5.00
Icterus index.....	2.00
Lipase determination.....	3.00
Non-protein nitrogen.....	3.00
Phosphatase.....	5.00
Phosphorus.....	2.00
Proteins (Kjeldahl).....	3.00
Proteins (Falling Drop).....	1.50
Prothrombin.....	2.00
Spinal fluid proteins.....	1.00
Sugar, blood.....	2.00
Sulphonamide determination.....	2.00
Thiocyanate.....	2.00
Urea clearance.....	5.00
Urea nitrogen.....	3.00
Uric acid.....	2.00

## (e) Hematology and urinalysis.

Bleeding time.....	1.00
Blood platelet.....	1.00
Blood typing.....	2.00
Blood typing with serology.....	4.00
Coagulation time.....	1.00
Complete hemogram (hemoglobin, red and white, sed. rate, hematocrit, and differential).....	5.00
Differential count.....	2.00
Hemoglobin estimation.....	1.00
Red and white blood count.....	2.00
Reticulocyte count.....	2.00
Sedimentation rate and hematocrit.....	2.00
Urinalysis.....	1.50

## (f) Serology.

Cephalin cholesterol.....	2.00
Cold agglutination test.....	5.00
Colloidal gold on spinal fluid.....	3.00
Colloidal gold on spinal fluid with Kahn test.....	5.00
Combination serologic tests for syphilis.....	3.00
Kahn test for syphilis.....	2.00

## (g) Plaster casts.

Arm.....	2.50
Chest.....	5.00

For disease or injury of vertebrae.....	\$7.50
Thighs and hips.....	7.50
Thigh and leg.....	2.50
Torso.....	7.50
Torso and hips.....	7.50
Torso, entire body (chest to feet).....	10.00

## (h) Miscellaneous.

Plasma, per 500 cc.....	35.00
Basal metabolism.....	5.00
Bronchoscopic examination.....	5.00
Circumcision.....	5.00
Cystoscopic examination.....	5.00
Electro-cardiography.....	5.00
Gastric analysis.....	3.00
Pneumothorax.....	1.00
Oxygen therapy.....	7.50

§ 401.13 Patients referred by District of Columbia; rates. (a) In-patients who are referred and certified to the hospital by the District of Columbia as part-pay or indigent resident patients of the District shall pay charges for their hospitalization, including all X-ray, laboratory, and other special services, in amounts approved by the District. In such cases the District will also pay to the hospital an additional amount which, when added to the charge payable by such patient, will equal the per diem rate approved by the Bureau of the Budget as the reimbursable rate for in-patient hospitalization payable by the District to Freedmen's Hospital.

(b) Out-patients determined to be indigent residents of the District of Columbia shall not be required to pay for clinic services, prescriptions filled, X-ray, laboratory, and other special services. In such cases the District of Columbia will make payment to the hospital for such patients at the rate approved by the Bureau of the Budget as the reimbursable

rate for out-patient treatment and care payable by the District to Freedmen's Hospital.

§ 401.14 Bureau of Employees' Compensation beneficiaries; rates. Federal employees who are beneficiaries of the United States Bureau of Employees' Compensation shall not be charged for hospitalization and other services which they receive at the hospital pursuant to the authorization and request of said Bureau.

§ 401.15 Modification of rates for extended hospitalization. In those cases where it is found that a patient must be hospitalized for a long term and in which the patient or his responsible representative is found, upon investigation, to be unable to pay for care for the full period of hospitalization required, the Superintendent is authorized to reduce the rates otherwise payable in accordance with §§ 401.6, 401.7, and 401.8 or to continue to render hospital services at no charge. Reduced rates shall not go into effect until after the first 14 days of hospitalization. The Superintendent shall establish the effective date of the reduced rate in each case.

Dated: October 6, 1949.

[SEAL] LEONARD A. SCHEELE,  
Surgeon General.

Approved: October 13, 1949.

JOHN L. THURSTON,  
Acting Federal Security  
Administrator.

[F. R. Doc. 49-8450; Filed, Oct. 20, 1949;  
8:53 a. m.]

## NOTICES

## DEPARTMENT OF THE INTERIOR

## Fish and Wildlife Service

## CHURCHILL COUNTY, NEV.

## NOTICE OF LANDS DESIGNATED AS COOPERATIVE REFUGE AND NATIONAL WILDLIFE REFUGE

On September 17, 1949, a notice of rule-making was published in the FEDERAL REGISTER (14 F. R. 5723) regarding the designation of certain lands in Churchill County, Nevada, as a cooperative refuge and wildlife sanctuary.

After due consideration of all relevant material presented pursuant to such notice, including the proposal set forth therein, the following designations are hereby made, under authority of section 4 of the act of March 10, 1934 (48 Stat. 402), as amended by the act of August 14, 1946 (60 Stat. 1080), and the regulations contained in Parts 18, 21, and 22 of Title 50—Wildlife, Code of Federal Regulations, which designations shall be effective on the date of the publication of this document in the FEDERAL REGISTER.

*Designation of the Stillwater Wildlife Management Area.* Whereas, the Truckee-Carson Irrigation District, the State Board of Fish and Game Commis-

sioners of the State of Nevada, and the Fish and Wildlife Service of the U. S. Department of the Interior, entered into an agreement for a period of 50 years from the 26th day of November 1948, which agreement, after concurrence by the Bureau of Reclamation, was approved by the Secretary of the Interior, whereby the Truckee-Carson Irrigation District granted to the said State Board of Fish and Game Commissioners of the State of Nevada and the Fish and Wildlife Service, the exclusive right to develop, control, manage, and administer certain lands aggregating approximately 205,000 acres in the County of Churchill, State of Nevada, by the construction thereon of irrigation canals, dams, earth plugs, and water control structures, and to use thereon for these purposes all waste water not utilized by the District in the operation of the Newlands Project, for the conservation, rehabilitation, and management of wildlife, its resources and habitat, and for the purpose of operating and maintaining a public shooting ground and wildlife refuge;

Now, therefore, the following described lands are hereby designated as a Cooperative Refuge to be known as the Stillwater Wildlife Management Area,

and shall be administered and protected under the provisions of Part 22 of Title 50—Wildlife, of the Code of Federal Regulations.

## MOUNT DIABLO BASE AND MERIDIAN

- T. 20 N., R. 29 E.  
Secs. 1 to 26 inclusive, 35 and 36;  
T. 21 N., R. 29 E.  
All;  
T. 22 N., R. 29 E.  
All;  
T. 23 N., R. 29 E.  
Secs. 24, 25, 26 and 31 to 36 inclusive;  
T. 19 N., R. 30 E.  
N $\frac{1}{2}$  and SW $\frac{1}{4}$  of sec. 3, and sec. 4;  
T. 20 N., R. 30 E.  
Secs. 1 to 30 inclusive; 33, 34, and 36;  
T. 21 N., R. 30 E.  
All;  
T. 19 N., R. 31 E.  
Secs. 2 to 11 inclusive, 14 to 22 inclusive, and 27 to 33 inclusive;  
T. 20 N., R. 31 E.  
All;  
T. 21 N., R. 31 E.  
All;  
T. 20 N., R. 32 E.  
Secs. 3 to 10 inclusive, 16 to 21 inclusive, and 29, 30;  
T. 21 N., R. 32 E.  
Secs. 2 to 11 inclusive, 14 to 22 inclusive, and 27 to 34 inclusive.

*Designation of the Stillwater National Wildlife Refuge.* Whereas, the agree-



ment for the development, control, management, and administration of the Stillwater Wildlife Management Area, provides that certain lands thereof will be managed as a sanctuary for game birds and game mammals in accordance with a general plan, which general plan has been formulated and approved by the respective parties;

Now, therefore, in accordance with the approved general plan, the following described lands are hereby designated as the Stillwater National Wildlife Refuge, and shall be administered and protected in accordance with the regulations contained in Parts 18 and 21 of Title 50—Wildlife, Code of Federal Regulations.

#### MOUNT DIABLO BASE AND MERIDIAN

- T. 19 N., R. 31 E.  
 Secs. 2 and 3, all;  
 Sec. 4, NE $\frac{1}{4}$ , E $\frac{1}{2}$ NW $\frac{1}{4}$ , NE $\frac{1}{4}$ SW $\frac{1}{4}$ , S $\frac{1}{2}$ SW $\frac{1}{4}$ , SE $\frac{1}{4}$ ;  
 Sec. 7, all south of County Highway and Stillwater Slough;  
 Sec. 8, S $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Secs. 10, 11, 14, 15, 16, 17, 18, 19, 20, 21, 22, 27, 28, 29, 30, 31, 32, and 33, all.
- T. 20 N., R. 31 E.  
 Sec. 13, S $\frac{1}{2}$ ;  
 Sec. 14, S $\frac{1}{2}$ ;  
 Sec. 22, E $\frac{1}{2}$ ;  
 Secs. 23, 24, 25, and 26, all;  
 Sec. 27, NE $\frac{1}{4}$ , NE $\frac{1}{4}$ NW $\frac{1}{4}$ , S $\frac{1}{2}$ NW $\frac{1}{4}$ , and S $\frac{1}{2}$ ;  
 Sec. 28, E $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 33, NE $\frac{1}{4}$ , SE $\frac{1}{4}$ NW $\frac{1}{4}$ , and S $\frac{1}{2}$ ;  
 Secs. 34, 35, and 36, all.
- T. 20 N., R. 32 E.  
 Sec. 16, S $\frac{1}{2}$ ;  
 Sec. 17, S $\frac{1}{2}$ ;  
 Sec. 18, S $\frac{1}{2}$ ;  
 Secs. 19, 20, 21, 29, and 30, all.

M. C. JAMES,  
*Acting Director.*

OCTOBER 17, 1949.

[F. R. Doc. 49-8452; Filed, Oct. 20, 1949;  
 9:02 a. m.]

#### ST. CHARLES COUNTY, MO.

##### NOTICE OF LANDS ADDED TO CALHOUN REFUGE

On September 3, 1949, a notice of rule-making was published in the FEDERAL REGISTER (14 F. R. 5490) regarding the proposal of the Director of the Fish and Wildlife Service to add certain lands to the area designated as the Calhoun Refuge, which was established on November 8, 1946 (11 F. R. 13397).

After due consideration of all relevant material presented pursuant to such notice, including the proposals set forth therein, the lands known as Lawler and Portage Islands in the Mississippi River, described as follows, in St. Charles County, Missouri, are hereby added to the Calhoun Refuge and hunting and trapping thereon are prohibited and the lands will be administered under the regulations contained in Part 22 of Title 50, Wildlife, Code of Federal Regulations:

#### FIFTH PRINCIPAL MERIDIAN

- T. 48 N., R. 6 E.,  
 Sec. 8, all of two small islands in the Mississippi River collectively known as Lawler Island, located in secs. 5, 8, and 9.  
 Sec. 9, all of Portage Island in the Mississippi River, located in sec. 9.

This designation shall be effective upon publication of this document in the

FEDERAL REGISTER and is made under authority of the Act of March 10, 1934 (48 Stat. 402) as amended by the act of August 14, 1946 (60 Stat. 1080) and the regulations issued pursuant thereto, as contained in Part 22 of Title 50, Wildlife, Code of Federal Regulations.

M. C. JAMES,  
*Acting Director.*

OCTOBER 17, 1949.

[F. R. Doc. 49-8453; Filed, Oct. 20, 1949;  
 8:53 a. m.]

## DEPARTMENT OF AGRICULTURE

### Farm Credit Administration

[FCA Order 506]

#### AUTHORIZATION TO APPROVE LOANS BY FEDERAL LAND BANKS IN EXCESS OF \$25,000; APPROVAL OF LOANS BY FEDERAL LAND BANKS TO LIVESTOCK CORPORATIONS

*Authorization to approve loans by the Federal land banks in excess of \$25,000.* Authorization is given, severally and not jointly, to any deputy land bank commissioner; the Chief of Appraisals; any assistant chief of appraisals; any reviewing appraiser assigned to the central office; and, in the respective farm credit districts to which they are assigned, to any reviewing appraiser and any special reviewer, to approve loans by the Federal land banks in excess of \$25,000, pursuant to paragraph Seventh of section 12 of the Federal Farm Loan Act (39 Stat. 370; 12 U. S. C. 771 "Seventh"), as amended.

*Approval of loans by the Federal land banks to livestock corporations.* Authorization is given, severally and not jointly, to any deputy land bank commissioner; the Chief of Appraisals; any assistant chief of appraisals; any reviewing appraiser assigned to the central office; and, in the respective farm credit districts to which they are assigned, to any reviewing appraiser and any special reviewer, to permit, pursuant to paragraph Sixth of section 12 of the Federal Farm Loan Act as amended by section 18 of the Farm Credit Act of 1935 (39 Stat. 370, sec. 18, 49 Stat. 319; 12 U. S. C. 771 "Sixth"), loans by the Federal land banks to corporations engaged in the raising of livestock where not all the stock of the corporation is owned by individuals themselves personally actually engaged in the raising of livestock on the farm to be mortgaged as security for the loan, but at least 75 per centum in value and number of shares of the stock of the corporation is owned by individuals personally actually so engaged.

The foregoing supersedes the first two paragraphs of Farm Credit Administration Order No. 393, dated January 14, 1944 (9 F. R. 627; formerly 6 CFR, 1947 Supp., 3.8 and 3.9, but codification discontinued, 13 F. R. 5803), the third paragraph thereof (formerly 6 CFR 3.10, 12 F. R. 2685) having been revoked by Farm Credit Administration Order No. 467, dated November 21, 1947 (12 F. R. 7979).

[SEAL]

E. C. JOHNSON,  
*Acting Governor.*

OCTOBER 17, 1949.

[F. R. Doc. 49-8485; Filed, Oct. 20, 1949;  
 8:49 a. m.]

## DEPARTMENT OF COMMERCE

### Office of Technical Services

#### ORGANIZATION AND FUNCTIONS AND INFORMATION AND SERVICES AVAILABLE TO PUBLIC

The statements on the Office of Technical Services on "General Organization and Functions," "Functions of the Organization Units," and "Information and Services Available to the Public," (12 F. R. 8457 and 13 F. R. 4380) are hereby revoked and the following substituted therefor:

#### ORGANIZATION AND FUNCTIONS

1. *Creation.* The Office of Declassification and Technical Services was established by Department Order No. 5 of September 18, 1945. The name of the office was changed to Office of Technical Services by Department Order No. 5 (Amendment No. 1) of July 1, 1946.

2. *General functions.* The purpose of the Office of Technical Services is to promote the foreign and domestic commerce of the United States by providing business and industry with technical information and services designed to increase their productivity, with emphasis placed upon service to small firms. To this end, the Office of Technical Services serves as the focal point within the Department of Commerce for the handling of all technological inquiries from business and the general public, except those more specifically concerned with activities of the other scientific agencies of the Department. In accomplishing its purpose, the Office of Technical Services has the following functions:

(a) Collecting, evaluating, compiling and disseminating scientific and technological data of value to industry, including information available from reciprocating foreign governments, other Government agencies, and public and private agencies performing technical and scientific research either under Government sponsorship or otherwise;

(b) Assisting the Secretary, as directed by him, in discharging his responsibilities under Executive Order 9865, providing for the protection abroad of inventions resulting from Government-sponsored research;

(c) Bringing to the attention of American inventors, in cooperation with the National Inventors Council and representatives of the National Military Establishment and such other Federal agencies as may wish representation, the technical problems of Government groups; and

(d) Providing a positive link between small business concerns with technical problems needing research for their solution and university and private laboratories qualified to perform such research.

3. *General statement of organization.* (a) The Office of Technical Service is headed by a Director who will function under the general supervision of the Assistant Secretary for Foreign and Domestic Commerce, and consists of a Technical Division, for the conduct of the office's professional programs, and a unit for the operation of its internal administrative functions.

(b) The National Inventors Council is, for administrative purposes, considered



as operating within the organizational framework of the Office of Technical Services and that office provides the Council with necessary technical and administrative staff and physical facilities.

4. *Specific functions.* (a) The Director is responsible for determining the general manner of performance of the functions of the Office of Technical Services and for the direction, guidance and coordination of its activities, as well as for the administration of its program. The Office of the Director is also responsible for the performance of any of the general functions of the office, not specifically assigned herein, and shall also embrace a unit which performs the internal administrative operations of the office.

(b) The Technical Division is responsible for handling requests for technical information falling within the scope of the functions of the office and provides the technical and administrative staff for the National Inventors Council. In addition, this division is responsible for the collection of technical and scientific information from reciprocating foreign governments, and domestic sources; for evaluating or obtaining evaluations of such materials; and for compiling such of this information as is of value to American business and industry into usable form. Specifically, the Technical Division:

(1) Prepares technical information in response to inquiries from industrial firms and organizations, particularly small business, employing materials available in the office's files or document collections, or obtainable from other non-confidential sources;

(2) Through the National Inventors Council, and in cooperation with the National Military Establishment and other Federal agencies, receives and evaluates inventions and technical suggestions of military or governmental significance and disseminates to American inventors and technical workers lists of official inventive and technical problems needing solution;

(3) Stimulates technical research projects in university or private laboratories with business sponsorship. This service encompasses study, analysis and disclosure of technical problems which will be benefited by research;

(4) Invites the submission of significant technical documents and reports by public and private organizations in the U. S. and abroad for inclusion in the Office of Technical Services collection, extending reciprocal privileges where necessary for this purpose;

(5) Selects, assembles and disseminates useful scientific and technical information for American industry by receiving, cataloging and abstracting such materials, and depositing them in appropriate libraries for accessibility to readers and for photocopying on order. Provision is made, where demand warrants, for furnishing printed copies of popular reports at a reimbursable price covering the cost to Government;

(6) Arranges, when possible, for the declassification of classified technological material determined to be of value to industry and business; and

(7) Compiles and publishes monthly a bibliography of technical reports, containing information on all important documents received, with appropriate indexes and supplements thereto; and a monthly newsletter-type publication and individual notices for the technical press calling attention to outstanding materials available through the Office of Technical Services or other non-confidential sources.

#### INFORMATION AND SERVICES AVAILABLE TO THE PUBLIC

1. *General policy.* It is the policy of the Office of Technical Services to promote the advancement of American industry through the distribution of scientific and technical information in the most readily usable form to the widest possible business audience, particularly to firms without the resources necessary to maintain technical staffs.

2. *Manner of dissemination.* Scientific and technical information is furnished to industry in the following ways:

(a) Through publication of a regular monthly abstracting journal, the "Bibliography of Technical Reports," containing references to all important reports acquired by the Office from federal and other non-confidential research sources. A special "Newsletter" section of the "Bibliography" is also supplied separately for the benefit of smaller firms;

(b) Through the maintenance of a complete cross-reference catalog of all materials received by the office, and the supplying of reference service for this catalog;

(c) Through the preparation of replies to inquiries from business firms on problems arising from actual or proposed physical operations;

(d) Through the sale of, or by assisting in the sale of, report copies from the office's collection at the approximate cost of reproduction of such report copies;

(e) Through the servicing of inquiries directed to the National Inventors Council in response to inventive problems posed by the Council in behalf of Federal agencies.

(R. S. 161; 5 U. S. C. 22)

[SEAL] JOHN C. GREEN,  
Director,  
Office of Technical Services.

Approved:

CHARLES SAWYER,  
Secretary of Commerce.

[F. R. Doc. 49-8445; Filed, Oct. 20, 1949;  
8:52 a. m.]

### SECURITIES AND EXCHANGE COMMISSION

[File No. 70-2218]

NATIONAL POWER & LIGHT CO. AND  
MEMPHIS GENERATING CO.

#### ORDER PERMITTING DECLARATION TO BECOME EFFECTIVE

At a regular session of the Securities and Exchange Commission held at its office in the city of Washington, D. C., on the 14th day of October A. D. 1949.

National Power & Light Company ("National"), a registered holding com-

pany, and its wholly owned subsidiary, Memphis Generating Company ("Memphis"), having filed a joint declaration pursuant to sections 12 (d) and 12 (f) of the Public Utility Holding Company Act of 1935 and Rules U-43 and U-44 of the rules and regulations promulgated thereunder regarding the following transactions:

National, which owns all of the outstanding securities of Memphis, consisting of 39,000 shares of common stock having a par value of \$100 per share, proposes to sell to Memphis 1,000 shares of such common stock for a cash consideration of \$100,000. Memphis proposes to retire such 1,000 shares of stock and effect a reduction of its capital in the amount of \$100,000.

Said declaration having been filed on September 14, 1949, and notice of said filing having been given in the form and manner prescribed by Rule U-23 promulgated pursuant to said act and the Commission not having received a request for hearing with respect to said declaration within the period specified in said notice, or otherwise, and not having ordered a hearing thereon; and

The Commission finding with respect to said declaration that the requirements of the applicable provisions of the act and the rules and regulations thereunder are satisfied and that no adverse findings are necessary thereunder, deeming it appropriate in the public interest that said declaration be permitted to become effective, and further deeming it appropriate to grant the declarant's request that the order herein become effective upon the issuance thereof; and

Declarants having requested that the order of the Commission contain the findings and recitals required by the Internal Revenue Code, as amended, including section 1808 (f) and Supplement R thereof, and the Commission deeming it appropriate to grant such request:

It is ordered, That pursuant to Rule U-23 and the applicable provisions of the act and subject to the terms and conditions prescribed in Rule U-24 that said joint declaration be, and the same hereby is, permitted to become effective forthwith.

It is further ordered, And recited that the sale and transfer by National and the acquisition for cancellation by Memphis in exchange for \$100,000 in cash of 1,000 shares of the common stock of Memphis are necessary or appropriate to the integration or simplification of the holding company system of which Memphis and National are members and are necessary or appropriate to effectuate the provisions of section 11 (b) (2) of the Public Utility Holding Company Act of 1935.

By the Commission.

[SEAL] ORVAL L. DUBOIS,  
Secretary.

[F. R. Doc. 49-8454; Filed, Oct. 20, 1949;  
8:53 a. m.]

[File No. 70-2242]

ATTLEBORO STEAM AND ELECTRIC CO. ET AL.

#### NOTICE REGARDING FILING

At a regular session of the Securities and Exchange Commission held at its



office in the city of Washington, D. C., on the 14th day of October A. D. 1949.

In the matter of Attleboro Steam and Electric Company, Beverly Gas and Electric Company, Gloucester Electric Company, Lawrence Gas and Electric Company, the Lowell Electric Light Corporation, Malden and Melrose Gas Light Company, Worcester Suburban Electric Company, New England Power Company, Northampton Electric Lighting Company, Northern Berkshire Gas Company, Quincy Electric Light and Power Company, Wachuset Electric Company, Weymouth Light and Power Company, and Worcester County Electric Company; File No. 70-2242.

Notice is hereby given that the above entitled companies, hereinafter collectively sometimes referred to as "applicant companies", subsidiary companies of New England Electric System ("NEES"), a registered holding company, have filed separate applications with this Commission pursuant to the Public Utility Holding Company Act of 1935. The applicant companies have designated section 6 (b) of the act as applicable to the proposed transactions.

Notice is further given that any interested person may, not later than October 27, 1949, at 5:30 p. m., e. s. t., request the Commission in writing that a hearing be held on such matter, stating the nature of his interest, the reasons for such request and the issues, if any, of fact or law raised by said applications proposed to be controverted, or may request that he be notified if the Commission should order a hearing thereon. Any such request should be addressed: Secretary, Securities and Exchange Commission, 425 Second Street, NW., Washington 25, D. C. At any time after October 27, 1949, said applications, as filed or as amended, may be granted as provided in Rule U-23 of the rules and regulations promulgated under the act, or the Commission may exempt such transactions as provided in Rules U-20 (a) and U-100 thereof.

All interested persons are referred to said applications which are on file in the office of this Commission for a statement of the transactions therein proposed, which is summarized as follows:

On April 30, 1948, the applicant companies entered into bank loan agreements with five banks; namely, The First National Bank of Boston, The First National Bank of the City of New York, Central Hanover Bank and Trust Company, Irving Trust Company and The New York Trust Company. As at September 30, 1949, the total note indebtedness of the applicant companies, together with certain other subsidiary companies of NEES having similar bank loan agreements, amounted to \$12,288,000.

Each applicant company now proposes to issue, prior to November 30, 1949, additional unsecured promissory notes, due May 31, 1951, in the form and upon the terms and conditions set forth in its respective bank loan agreement and in an aggregate amount not in excess of the amount shown opposite the name of each applicant company in the following table:

Attleboro Steam & Electric Co.	\$50,000
Beverly Gas & Electric Co.	120,000
Gloucester Electric Co.	50,000
Lawrence Gas & Electric Co.	70,000
The Lowell Electric Light Corp.	300,000
Malden & Melrose Gas Light Co.	200,000
Worcester Suburban Electric Co.	250,000
New England Power Co.	800,000
Northampton Electric Lighting Co.	50,000
Northern Berkshire Gas Co.	120,000
Quincy Electric Light & Power Co.	40,000
Wachuset Electric Co.	120,000
Weymouth Light & Power Co.	80,000
Worcester County Electric Co.	900,000
<b>Total</b>	<b>3,150,000</b>

The interest rate of unsecured promissory notes issued under said bank loan agreements is determined in accordance with the formulae set forth therein. With the exception of the agreement entered into by Malden and Melrose Gas Light Company, a company engaged solely in the gas utility business, each of the bank loan agreements of the applicant companies provides for a basic rate of interest of  $2\frac{1}{2}\%$  per annum, payable quarterly on the 15th day of February, May, August and November. If the rediscount rate for the Federal Reserve Bank of New York for advances under section 10 (b) of the Federal Reserve Act plus  $\frac{3}{4}$  of 1% shall be higher than  $2\frac{1}{2}\%$  per annum for any period, then the interest rate for such period shall be such higher rate but in no case shall exceed  $3\frac{1}{2}\%$ . With respect to Malden and Melrose Gas Light Company, the basic interest rate is 3% per annum with the differential between it and the rediscount rate for the Federal Reserve Bank of the city of New York for advances being  $1\frac{1}{4}\%$  rather than  $\frac{3}{4}$  of 1% with a maximum interest rate not to exceed 4% per annum. Under all of the bank loan agreements the interest rate after default is 5% per annum. The terms and conditions of the bank loan agreements were summarized in the Commission's Order of June 10, 1948, identified by File No. 70-1825 and published as Holding Company Act Release No. 8253.

The applications state that the proceeds from the issuance of said promissory notes will be used by each applicant company to reimburse its treasury for prior expenditures occasioned by the construction of property and to provide funds to pay for construction during the month of October 1949.

The combined applications state that the applicant companies contemplate the proposed note borrowings as temporary pending permanent financing of construction expenditures and that such borrowings will be repaid from the proceeds of permanent financing. It is further anticipated by the applicant companies that NEES, which is presently undertaking equity financing to obtain funds which will be invested in securities of its subsidiary companies, will provide the applicant companies with funds to reduce or pay off in entirety debt incurred for construction purposes. Each of the applicant companies proposes that if any permanent financing is done by it before the maturity of the notes proposed to be issued, exclusive of permanent financing which replaces indebtedness to NEES, such applicant company will ap-

ply the proceeds therefrom in reduction of or in total payment of its unsecured promissory notes then outstanding, and the amount of the balance, if any, of such notes authorized by this Commission but then unissued will be reduced by the amount, if any, by which such permanent financing exceeds the notes at the time outstanding.

The Department of Public Utilities of the Commonwealth of Massachusetts has authorized the proposed transactions and the applications further state that no Federal commission, other than this Commission, has jurisdiction over the proposed transactions.

Incidental services in connection with the proposed transactions will be performed by New England Power Service Company, an affiliated service company, at the actual cost thereof and the cost of such services to each of the applicant companies is estimated not to exceed \$50, or in the aggregate with respect to all of the applicant companies, not to exceed \$700.

The applicant companies request that the issuance of said promissory notes be exempted by order of the Commission pursuant to the third sentence of section 6 (b) of the act; that such order be effective upon issuance and that the applications be granted pursuant to Rule U-23 promulgated under the act without a hearing being held.

By the Commission.

[SEAL]

ORVAL L. DuBOIS,  
Secretary.

[F. R. Doc. 49-8457; Filed, Oct. 20, 1949;  
8:54 a. m.]

[File No. 70-2245]

60 BROADWAY BUILDING CORP.

NOTICE OF FILING

At a regular session of the Securities and Exchange Commission held at its office in the City of Washington, D. C., on the 13th day of October 1949.

Notice is hereby given that an application-declaration has been filed with this Commission pursuant to the Public Utility Holding Company Act of 1935 ("act") by 60 Broadway Building Corporation ("60 Broadway"), a non-utility subsidiary of The North American Company, a registered holding company, in which applicant-declarant designates the provisions of sections 6 (b) (or 6 (a) and 7) and 12 (c) of the act and Rules U-23 and U-42 as applicable to the proposed transaction.

Notice is further given that any interested person may, not later than October 27, 1949, at 5:30 p. m., e. s. t., request the Commission in writing that a hearing be held on such matter, stating the reasons for such request, the nature of his interest, and the issues of fact or law raised by said application-declaration which he desires to controvert, or may request that he be notified if the Commission should order a hearing thereon. Any such request should be addressed: Secretary, Securities and Exchange Commission, 425 Second Street, NW., Washington 25, D. C. At any time thereafter, said



application-declaration as filed, or as amended, may be granted or permitted to become effective as provided by Rule U-23 of the rules and regulations promulgated under the act, or the Commission may exempt such transactions as provided by Rule U-20 (a) and Rule U-100 thereof.

All interested persons are referred to said application-declaration which is on file in the offices of this Commission for a statement of the transaction therein proposed, which is summarized as follows:

60 Broadway proposes to renew its presently outstanding secured 3½% promissory note, held by the Central Hanover Bank and Trust Company of New York, N. Y., dated November 10, 1939, in the original amount of \$2,000,000, payable in monthly installments of \$6,250, with the balance of \$1,256,250 being due and payable on November 1, 1949. 60 Broadway proposes to execute and deliver to Central Hanover Bank and Trust Company a renewal promissory note, in the amount of \$1,250,000, dated November 1, 1949, bearing interest at the rate of 3½% per annum, payable in monthly installments of \$6,250 with the balance due and payable on November 1, 1954. The provisions of the renewal note provide, among other things, that upon sixty days' notice, the note may be prepaid in whole only and without premium. The renewal note will be secured by the assignment of certain rents and a certain consolidated bond and first mortgage on the premises at 60 Broadway, New York, N. Y.

It is stated that expenses in connection with the proposed transaction, exclusive of legal fees estimated at \$1,000 and stamp taxes, will be nominal.

Applicant-declarant requests that the Commission's order herein issue on or before October 28, 1949, and be effective upon issuance.

By the Commission.

[SEAL] ORVAL L. DuBOIS,  
Secretary.

[F. R. Doc. 49-8456; Filed, Oct. 20, 1949;  
8:53 a. m.]

[File No. 70-2247]

NORTHERN STATES POWER CO. (MINN.) AND  
NORTHERN STATES POWER CO. (WIS.)

#### NOTICE OF FILING

At a regular session of the Securities and Exchange Commission held at its office in the city of Washington, D. C., on the 14th day of October A. D. 1949.

Notice is hereby given that a joint declaration has been filed with this Commission, pursuant to the Public Utility Holding Company Act of 1935, by Northern States Power Company, a Minnesota corporation ("Minnesota company"), a registered holding company and an operating public utility company, and by its subsidiary Northern States Power Company, a Wisconsin corporation ("Wisconsin company"), an operating public utility company. Declarants designate sections 6 (b), 9 and 10 of the act and Rules U-23, U-24 and U-43 promulgated thereunder as applicable to the proposed transaction.

All interested persons are referred to said declaration on file in the offices of this Commission for a statement of the transaction therein proposed, which is summarized as follows:

The Wisconsin company proposes to issue and sell the Minnesota company (which now owns all of the presently outstanding Common Stock of the Wisconsin company) proposes to purchase 15,000 additional shares of Common Stock of the Wisconsin company at its par value of \$100 per share. It is stated that the proceeds of this transaction will be applied toward the construction program of the Wisconsin company for the year 1949, aggregating \$15,718,400, and will be sufficient, together with other funds of the company, to meet the expenses of such program.

The proposed issuance and sale of said stock by the Wisconsin company is subject to authorization by the Public Service Commission of Wisconsin, in which State said company is organized and doing business.

The expenses of the Wisconsin company to be incurred in connection with the transaction are estimated at \$5,000, of which \$1,500 is for legal fees; and the expenses of the Minnesota company are estimated at not over \$1,000, including legal fees.

The declarants request that the order of the Commission herein be made effective forthwith upon issuance.

Notice is further given that any interested person may, not later than October 28, 1949, at 5:30 p. m., e. s. t., request the Commission in writing that a hearing be held on such matter, stating the nature of his interest, the reason for such request, and the issues, if any, of fact or law proposed to be controverted; or he may request that he be notified if the Commission should order a hearing thereon. Any such request should be addressed: Secretary, Securities and Exchange Commission, 425 Second Street, NW., Washington 25, D. C. At any time after said date said declaration, as filed or as amended, may be permitted to become effective as provided in Rule U-23 of the rules and regulations promulgated under the act, or the Commission may exempt such transaction as provided in Rules U-20 (a) and U-100 thereof.

By the Commission.

[SEAL] ORVAL L. DuBOIS,  
Secretary.

[F. R. Doc. 49-8455; Filed, Oct. 20, 1949;  
8:53 a. m.]

## DEPARTMENT OF JUSTICE

### Office of Alien Property

AUTHORITY: 40 Stat. 411, 55 Stat. 839, Pub. Laws 322, 671, 79th Cong., 60 Stat. 50, 925; 50 U. S. C. and Supp. App. 1, 616; E. O. 9193, July 6, 1942, 3 CFR, Cum. Supp., E. O. 9567, June 8, 1945, 3 CFR, 1945 Supp., E. O. 9788, Oct. 14, 1946, 11 F. R. 11981.

[Vesting Order 13896]

MICHAEL MILLER

In re: Estate of Michael Miller, a/k/a Michael Mueller, deceased. File No. F-55-1383; E. T. sec. 16787.

Under the authority of the Trading With the Enemy Act, as amended, Executive Order 9193, as amended, and Executive Order 9788, and pursuant to law, after investigation, it is hereby found:

1. That Anna Miller, Emma Bachmann, also known as Enna Bachman and Erna Pfau, whose last known address is Germany, are residents of Germany and nationals of a designated enemy country (Germany);

2. That all right, title, interest and claim of any kind or character whatsoever of the persons named in subparagraph 1 hereof in and to the estate of Michael Miller, also known as Michael Mueller, deceased, is property payable or deliverable to, or claimed by, the aforesaid nationals of a designated enemy country (Germany);

3. That such property is in the process of administration by William Miller, as administrator, acting under the judicial supervision of the Probate Court, County of Oakland, Michigan;

and it is hereby determined:

4. That to the extent that the persons named in subparagraph 1 hereof are not within a designated enemy country, the national interest of the United States requires that such persons be treated as nationals of a designated enemy country (Germany).

All determinations and all action required by law, including appropriate consultation and certification, having been made and taken, and, it being deemed necessary in the national interest,

There is hereby vested in the Attorney General of the United States the property described above, to be held, used, administered, liquidated, sold or otherwise dealt with in the interest of and for the benefit of the United States.

The terms "national" and "designated enemy country" as used herein shall have the meanings prescribed in section 10 of Executive Order 9193, as amended.

Executed at Washington, D. C., on October 4, 1949.

For the Attorney General.

[SEAL] DAVID L. BAZELON,  
Assistant Attorney General,  
Director, Office of Alien Property.

[F. R. Doc. 49-8467; Filed, Oct. 20, 1949;  
8:46 a. m.]

[Vesting Order 13911]

MASSAYO (MASAYO) HUGA AND CITY BANK  
FARMERS TRUST CO.

In re: Trust indenture dated August 19, 1938, between Massayo (Masayo) Huga, grantor, and City Bank Farmers Trust Company, trustee. F-39-1940-G-1.

Under the authority of the Trading With the Enemy Act, as amended, Executive Order 9193, as amended, and Executive Order 9788, and pursuant to law, after investigation, it is hereby found:

1. That Seizo Huga, Chiyo Tamura, Toshizo Huga and Massayo (Masayo) Huga, whose last known address is Japan, are residents of Japan and nationals of a designated enemy country (Japan);

2. That the lawful issue, names unknown, of Seizo Huga, of Chiyo Tamura, and of Toshizo Huga; and the heirs,



names unknown, of Massayo Huga, who there is reasonable cause to believe are residents of Japan, are nationals of a designated enemy country (Japan);

3. That all right, title, interest and claim of any kind or character whatsoever of the persons identified in subparagraphs 1 and 2 hereof, in and to and arising out of or under that certain trust indenture dated August 19, 1938, by and between Massayo (Masayo) Huga, grantor, and City Bank Farmers Trust Company, trustee, including specifically but without limitation thereto the right of Seizo Huga and of Toshizo Huga to direct the exercise of powers respecting the investment and management of trust property as set forth in Part 2 (B) of the trust indenture, presently being administered by City Bank Farmers Trust Company, trustee, 22 William Street, New York 15, New York,

is property within the United States owned or controlled by, payable or deliverable to, held on behalf of or on account of, or owing to, or which is evidence of ownership or control by, the aforesaid nationals of a designated enemy country (Japan);

and it is hereby determined:

4. That to the extent that the persons named in subparagraph 1 hereof and the lawful issue, names unknown, of Seizo Huga, of Chiyo Tamura, and of Toshizo Huga; and the heirs, names unknown, of Massayo Huga, are not within a designated enemy country, the national interest of the United States requires that such persons be treated as nationals of a designated enemy country (Japan).

All determinations and all action required by law, including appropriate consultation and certification, having been made and taken, and it being deemed necessary in the national interest,

There is hereby vested in the Attorney General of the United States the property described above, to be held, used, administered, liquidated, sold or otherwise dealt with in the interest of and for the benefit of the United States.

The terms "national" and "designated enemy country" as used herein shall have the meanings prescribed in section 10 of Executive Order 9193, as amended.

Executed at Washington, D. C., on October 10, 1949.

For the Attorney General.

[SEAL] DAVID L. BAZELON,  
Assistant Attorney General,  
Director, Office of Alien Property.

[F. R. Doc. 49-8468; Filed, Oct. 20, 1949;  
8:47 a. m.]

[Vesting Order 13912]

RIHEI HUGA AND CITY BANK FARMERS  
TRUST CO.

In re: Trust indenture dated August 19, 1938, between Rihei Huga, grantor, and City Bank Farmers Trust Company, trustee, F-39-1941 G-1.

Under the authority of the Trading With the Enemy Act, as amended, Execu-

tive Order 9193, as amended, and Executive Order 9788, and pursuant to law, after investigation, it is hereby found:

1. That Massayo (Masayo) Huga, Toshizo Huga, Chiyo Tamura and Seizo Huga, whose last known address is Japan, are residents of Japan and nationals of a designated enemy country (Japan);

2. That the lawful issue, names unknown, of Toshizo Huga, of Chiyo Tamura and of Seizo Huga; and the distributees, names unknown, of Rihei Huga, who there is reasonable cause to believe are residents of Japan, are nationals of a designated enemy country (Japan);

3. That all right, title, interest and claim of any kind or character whatsoever of the persons identified in subparagraphs 1 and 2 hereof, in and to and arising out of or under that certain trust indenture dated August 19, 1938, by and between Rihei Huga, grantor, and City Bank Farmers Trust Company, trustee, including specifically but without limitation thereto the right of Toshizo Huga and Seizo Huga to direct the exercise of powers respecting the investment and management of trust property as set forth in Part 2 (B) of the trust indenture, presently being administered by City Bank Farmers Trust Company, trustee, 22 William Street, New York 15, New York,

is property within the United States owned or controlled by, payable or deliverable to, held on behalf of or on account of, or owing to, or which is evidence of ownership or control by, the aforesaid nationals of a designated enemy country (Japan);

and it is hereby determined:

4. That to the extent that the persons named in subparagraph 1 hereof and the lawful issue, names unknown, of Toshizo Huga, of Chiyo Tamura and of Seizo Huga; and the distributees, names unknown, of Rihei Huga are not within a designated enemy country, the national interest of the United States requires that such persons be treated as nationals of a designated enemy country (Japan).

All determinations and all action required by law, including appropriate consultation and certification, having been made and taken, and, it being deemed necessary in the national interest,

There is hereby vested in the Attorney General of the United States the property described above, to be held, used, administered, liquidated, sold or otherwise dealt with in the interest of and for the benefit of the United States.

The terms "national" and "designated enemy country" as used herein shall have the meanings prescribed in section 10 of Executive Order 9193, as amended.

Executed at Washington, D. C., on October 10, 1949.

For the Attorney General.

[SEAL] DAVID L. BAZELON,  
Assistant Attorney General,  
Director, Office of Alien Property.

[F. R. Doc. 49-8469; Filed, Oct. 20, 1949;  
8:47 a. m.]

[Vesting Order 13913]

TOSHIZO HUGA AND CITY BANK FARMERS  
TRUST CO.

In re: Trust indenture dated July 20, 1938 between Toshizo Huga, grantor, and City Bank Farmers Trust Company, trustee, File No. F-39-2681-G-2.

Under the authority of the Trading With the Enemy Act, as amended, Executive Order 9193, as amended, and Executive Order 9788, and pursuant to law, after investigation, it is hereby found:

1. That Seizo Huga, Toshizo Huga, Chiyo Tamura and Masayo (Massayo) Huga, whose last known address is Japan, are residents of Japan and nationals of a designated enemy country (Japan);

2. That the lawful issue, names unknown, of Seizo Huga and of Chiyo Tamura; the lawful issue, legatees, distributees, heirs-at-law, next-of-kin, names unknown, of Toshizo Huga; and the distributees, names unknown, of Rihei Huga, who there is reasonable cause to believe are residents of Japan, are nationals of a designated enemy country (Japan);

3. That all right, title, interest and claim of any kind or character whatsoever of the persons identified in subparagraphs 1 and 2 hereof, in and to and arising out of or under that certain trust indenture dated July 20, 1938, by and between Toshizo Huga, grantor, and City Bank Farmers Trust Company, trustee, including specifically but without limitation thereto the right of Seizo Huga and of Toshizo Huga to direct the exercise of powers respecting the investment and management of trust property as set forth in Part 2 (B) of the trust indenture, presently being administered by City Bank Farmers Trust Company, trustee, 22 William Street, New York 15, New York, is property within the United States owned or controlled by, payable or deliverable to, held on behalf of or on account of, or owing to, or which is evidence of ownership or control by, the aforesaid nationals of a designated enemy country (Japan);

and it is hereby determined:

4. That to the extent that the persons named in subparagraph 1 hereof and the lawful issue, names unknown, of Seizo Huga and of Chiyo Tamura; the lawful issue, legatees, distributees, heirs-at-law, next-of-kin, names unknown, of Toshizo Huga; and the distributees, names unknown, of Rihei Huga are not within a designated enemy country, the national interest of the United States requires that such persons be treated as nationals of a designated enemy country (Japan).

All determinations and all action required by law, including appropriate consultation and certification, having been made and taken, and, it being deemed necessary in the national interest,

There is hereby vested in the Attorney General of the United States the property described above, to be held, used, administered, liquidated, sold or otherwise dealt with in the interest of and for the benefit of the United States.

The terms "national" and "designated enemy country" as used herein shall have the meanings prescribed in section 10 of Executive Order 9193, as amended.



Executed at Washington, D. C., on October 10, 1949.

For the Attorney General.

[SEAL] DAVID L. BAZELON,  
Assistant Attorney General,  
Director, Office of Alien Property.

[F. R. Doc. 49-8470; Filed, Oct. 20, 1949;  
8:47 a. m.]

[Vesting Order 13917]

LOTTIE SCHWARTZ

In re: Estate of Lottie Schwartz, deceased. File No. D-28-24470; E. T. sec. 16626.

Under the authority of the Trading With the Enemy Act, as amended, Executive Order 9193, as amended, and Executive Order 9788, and pursuant to law, after investigation, it is hereby found:

1. That Elsie (Else) Wirth, Amalia (Amelia) Wuertz, Emil Wirth, Carl (Karl) Wirth, Erna Schwartz Opp, Richard Schwartz, Emil Wirth and Berta Wirth, who last known address is Germany, are residents of Germany and nationals of a designated enemy country (Germany);

2. That the children, names unknown, of Elsie (Else) Wirth, of Amalia (Amelia) Wuertz, of Erna Schwartz Opp, and of Amalia Kehrt, deceased; the widow and children, names unknown, of Emil Wirth, of Carl (Karl) Wirth, and of Richard Schwartz, deceased; the domiciliary personal representatives, heirs-at-law, next-of-kin, legatees and distributees, names unknown, of Amalia Kehrt, deceased, and of Heinrich Wirth, deceased, who there is reasonable cause to believe are residents of Germany, are nationals of a designated enemy country (Germany);

3. That all right, title, interest and claim of any kind or character whatsoever of the persons identified in subparagraphs 1 and 2 hereof, and each of them, in and to the estate of Lottie Schwartz, deceased, is property payable or deliverable to, or claimed by, the aforesaid nationals of a designated enemy country (Germany);

4. That such property is in the process of administration by Reverend Louis B. Holzer, as Executor, acting under the judicial supervision of the Orphans' Court of Allegheny County, Pennsylvania;

and it is hereby determined:

5. That to the extent that the persons named in sub-paragraph 1 hereof; the children, names unknown, of Elsie (Else) Wirth, of Amalia (Amelia) Wuertz, of Erna Schwartz Opp, and of Amalia Kehrt, deceased; the widow and children, names unknown, of Emil Wirth, of Carl (Karl) Wirth, and of Richard Schwartz, deceased; the domiciliary personal representatives, heirs-at-law, next-of-kin, legatees and distributees, names unknown, of Amalia Kehrt, deceased, and of Heinrich Wirth, deceased, are not within a designated enemy country, the national interest of the United States requires that such persons be treated as nationals of a designated enemy country (Germany).

All determinations and all action required by law, including appropriate consultation and certification, having been made and taken, and, it being deemed necessary in the national interest,

There is hereby vested in the Attorney General of the United States the property described above, to be held, used, administered, liquidated, sold or otherwise dealt with in the interest of and for the benefit of the United States.

The terms "national" and "designated enemy country" as used herein shall have the meanings prescribed in section 10 of Executive Order 9193, as amended.

Executed at Washington, D. C., on October 10, 1949.

For the Attorney General.

[SEAL] DAVID L. BAZELON,  
Assistant Attorney General,  
Director, Office of Alien Property.

[F. R. Doc. 49-8471; Filed, Oct. 20, 1949;  
8:47 a. m.]

[Vesting Order 13920]

OSRAM FABRICA DE AMPOLLETAS ELECTRICAS,  
LIMITADA

In re: Debt owing to Osram Fabrica de Ampolletas Electricas, Limitada.

Under the authority of the Trading With the Enemy Act, as amended, Executive Order 9193, as amended, and Executive Order 9788, and pursuant to law, after investigation, it is hereby found:

1. That Osram G. m. b. H. Kommanditgesellschaft, the last known address of which is Berlin, Germany, is a corporation organized under the laws of Germany, and which has or, since the effective date of Executive Order 8389, as amended, has had its principal place of business in Germany and is a national of a designated enemy country (Germany);

2. That Osram Fabrica de Ampolletas Electricas, Limitada, the last known address of which is Avenida Vicuna MacKenna 1680, Santiago, Chile, S. A., is a corporation organized under the laws of Chile, all of whose capital stock is or since the effective date of Executive Order 8389, as amended, has been owned by the aforesaid Osram G. m. b. H. Kommanditgesellschaft, and is a national of a designated enemy country (Germany);

3. That the property described as follows: That certain debt or other obligation owing to Osram Fabrica de Ampolletas Electricas, Limitada, Avenida Vicuna MacKenna 1680, Santiago, Chile, S. A., by W. R. Grace & Co., 7 Hanover Square, New York 5, New York, in the amount of \$1,857.00 as of June 29, 1949, together with any and all accruals thereto, and any and all rights to demand, enforce and collect the same,

is property within the United States owned or controlled by, payable or deliverable to, held on behalf of or on account of, or owing to, or which is evidence of ownership or control by Osram Fabrica de Ampolletas Electricas, Limitada, the aforesaid national of a designated enemy country (Germany);

and it is hereby determined:

4. That Osram Fabrica de Ampolletas Electricas, Limitada, is controlled by or acting for or on behalf of a designated enemy country (Germany) or persons within such country and is a national of a designated enemy country (Germany); and

5. That to the extent that the persons named in subparagraphs 1 and 2 hereof are not within a designated enemy country, the national interest of the United States requires that such persons be treated as nationals of a designated enemy country (Germany).

All determinations and all action required by law, including appropriate consultation and certification, having been made and taken, and, it being deemed necessary in the national interest,

There is hereby vested in the Attorney General of the United States the property described above, to be held, used, administered, liquidated, sold or otherwise dealt with in the interest of and for the benefit of the United States.

The terms "national" and "designated enemy country" as used herein shall have the meanings prescribed in section 10 of Executive Order 9193, as amended.

Executed at Washington, D. C., on October 10, 1949.

For the Attorney General.

[SEAL] DAVID L. BAZELON,  
Assistant Attorney General,  
Director, Office of Alien Property.

[F. R. Doc. 49-8472; Filed, Oct. 20, 1949;  
8:47 a. m.]

[Vesting Order 13921]

CHARLOTTE ROSSE

In re: Stock owned by and debt owing to Charlotte Rosse. F-28-28991; A-1; D-1/3; E-1.

Under the authority of the Trading With the Enemy Act, as amended, Executive Order 9193, as amended, and Executive Order 9788, and pursuant to law, after investigation, it is hereby found:

1. That Charlotte Rosse, whose last known address is Hans Driesch Strasse 6, Leipzig, W 35 Germany, is a resident of Germany and a national of a designated enemy country (Germany);

2. That the property described as follows:

a. Eight (8) shares of no par value \$5.00 series cumulative preferred capital stock of General Motors Corporation, 1775 Broadway, New York 19, New York, a corporation organized under the laws of the State of Delaware, evidenced by certificate numbered WA 4813, registered in the name of Charlotte Rosse, together with all declared and unpaid dividends thereon,

b. Fourteen (14) shares of no par value \$4.50 series cumulative preferred capital stock of E. I. du Pont de Nemours & Company, 1007 Market Street, Wilmington 98, Delaware, a corporation organized under the laws of the State of Delaware, evidenced by certificate numbered WJ9990, registered in the name of Charlotte Rosse (Mrs.), together with



all declared and unpaid dividends thereon,

c. Four (4) shares of \$100.00 par value 5% cumulative preferred capital stock of Hercules Powder Company, Wilmington 99, Delaware, a corporation organized under the State of Delaware, evidenced by a certificate numbered E-34729, registered in the name of Mrs. Charlotte Rosse, together with all declared and unpaid dividends thereon, and

d. That certain debt or other obligation owing to Charlotte Rosse by Farmers Bank of the State of Delaware, Wilmington, Delaware, arising out of a checking account entitled Charlotte Rosse, maintained at the aforesaid bank, and any and all rights to demand, enforce and collect the same,

is property within the United States owned or controlled by, payable or deliverable to, held on behalf of or on account of, or owing to, or which is evidence of ownership or control by, the aforesaid national of a designated enemy country (Germany);

and it is hereby determined:

3. That to the extent that the person named in subparagraph 1 hereof is not within a designated enemy country, the national interest of the United States requires that such person be treated as a national of a designated enemy country (Germany).

All determinations and all action required by law, including appropriate consultation and certification, having been made and taken, and, it being deemed necessary in the national interest,

There is hereby vested in the Attorney General of the United States the property described above, to be held, used, administered, liquidated, sold or otherwise dealt with in the interest of and for the benefit of the United States.

The terms "national" and "designated enemy country" as used herein shall have the meanings prescribed in section 10 of Executive Order 9193, as amended.

Executed at Washington, D. C., on October 10, 1949.

For the Attorney General.

[SEAL] DAVID L. BAZELON,  
Assistant Attorney General,  
Director, Office of Alien Property.

[F. R. Doc. 49-8473; Filed, Oct. 20, 1949;  
8:47 a. m.]

[Vesting Order 13933]

A. ALFRED OELSNER

In re: Stock owned by and debt owing to A. Alfred Oelsner, also known as Alfred Oelsner. D-28-922-A-1.

Under the authority of the Trading With the Enemy Act, as amended, Executive Order 9193, as amended, and Executive Order 9788, and pursuant to law, after investigation, it is hereby found:

1. That A. Alfred Oelsner, also known as Alfred Oelsner, whose last known address is Mars-Strasse 12, (13B) Gilching,

Obb, Germany, is a resident of Germany and a national of a designated enemy country (Germany);

2. That the property described as follows:

a. Ten (10) shares of no par value common capital stock of Carolina Power & Light Company, 336 Fayetteville Street, Raleigh, North Carolina, a corporation organized under the laws of the State of North Carolina, said shares presently in the custody of Hornblower & Weeks, 40 Wall Street, New York 5, New York, in an account entitled A. Alfred Oelsner, together with all declared and unpaid dividends thereon, and

b. That certain debt or other obligation owing to A. Alfred Oelsner, also known as Alfred Oelsner, by Hornblower & Weeks, 40 Wall Street, New York 5, New York, arising out of a credit balance in an account entitled A. Alfred Oelsner, maintained with Hornblower & Weeks, 40 Wall Street, New York 5, New York, together with any and all accruals thereto, and any and all rights to demand, enforce and collect the same,

is property within the United States owned or controlled by, payable or deliverable to, held on behalf of or on account of, or owing to, or which is evidence of ownership or control by the aforesaid national of a designated enemy country (Germany);

and it is hereby determined:

3. That to the extent that the person named in subparagraph 1 hereof is not within a designated enemy country, the national interest of the United States requires that such person be treated as a national of a designated enemy country (Germany).

All determinations and all action required by law, including appropriate consultation and certification, having been made and taken, and, it being deemed necessary in the national interest,

There is hereby vested in the Attorney General of the United States the property described above, to be held, used, administered, liquidated, sold or otherwise dealt with in the interest of and for the benefit of the United States.

The terms "national" and "designated enemy country" as used herein shall have the meanings prescribed in section 10 of Executive Order 9193, as amended.

Executed at Washington, D. C., on October 11, 1949.

For the Attorney General.

[SEAL] HAROLD I. BAYNTON,  
Deputy Director,  
Office of Alien Property.

[F. R. Doc. 49-8477; Filed, Oct. 20, 1949;  
8:48 a. m.]

FOSCA PILASTRI MURINO AND ADELINA PILASTRI

NOTICE OF INTENTION TO RETURN VESTED PROPERTY

Pursuant to section 32 (f) of the Trading With the Enemy Act, as amended, notice is hereby given of intention to return, on or after 30 days

from the date of the publication hereof, the following property, subject to any increase or decrease resulting from the administration thereof prior to return, and after adequate provision for taxes and conservatory expenses:

*Claimant, Claim No., and Property and Location*

Fosca Pilastri Murino, a/k/a Fosca Pilastri and Foschina Pilastri, Bordighera, Italy; 34499; \$7,981.32 in the Treasury of the United States.

Adelina Pilastri, Bordighera, Italy; 34498; \$8,061.40 in the Treasury of the United States.

All right, title and interest of Moschina Pilastri and Adelina Pilastri, and each of them, in the Estate of Fosca Pilastri, deceased.

Executed at Washington, D. C., on October 14, 1948.

For the Attorney General.

[SEAL] DAVID L. BAZELON,  
Assistant Attorney General,  
Director, Office of Alien Property.

[F. R. Doc. 49-8481; Filed, Oct. 20, 1949;  
8:49 a. m.]

ILMA AMALIA INGEMAN-NIELSEN

NOTICE OF INTENTION TO RETURN VESTED PROPERTY

Pursuant to section 32 (f) of the Trading With the Enemy Act, as amended, notice is hereby given of intention to return, on or after 30 days from the date of the publication hereof, the following property, subject to any increase or decrease resulting from the administration thereof prior to return, and after adequate provision for taxes and conservatory expenses:

*Claimant, Claim No., Property and Location*

Ilma Amalia Ingeman-Nielsen, Copenhagen, Denmark, 4802; \$3,514.83 in the Treasury of the United States. One-half of the right, title and interest of the Attorney General in and to an assignment dated July 7, 1944, executed by Elizabeth Horesnye, executrix of the estate of Julius Kessler, deceased, to the Alien Property Custodian, of an undivided two-thirds interest in the following property:

5 shares Central States Electric Corporation, 400 shares Seneca Copper Mining Company, 100 shares Chicago & Eastern Illinois Railway Company.

175 shares Syncho Products Corporation common.

Note dated May 11, 1940, due May 11, 1941, made by Dr. Frank I. Horn for \$400.00.

Note dated July 1, 1939, due 60 days, made by Max Gordon for \$150.00.

All right, title and interest of Ilma Amalia Ingeman-Nielsen in and to the estate of Julius Kessler, deceased.

Executed at Washington, D. C., on October 14, 1949.

For the Attorney General.

[SEAL] HAROLD I. BAYNTON,  
Deputy Director,  
Office of Alien Property.

[F. R. Doc. 49-8482; Filed, Oct. 20, 1949;  
8:49 a. m.]